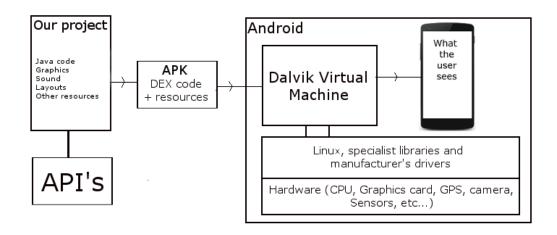
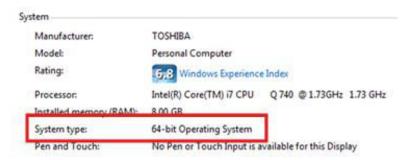
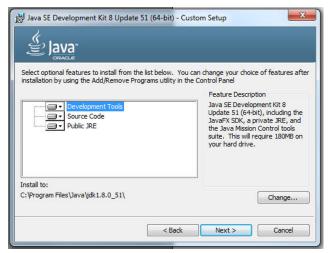
Chapter 1: The First App





You must accept the Oracle Binary Coo	de License Agree software.	
Product / File Description	File Size	Download
Linux x86	146.9 MB	jdk-8u51-linux-i586.rpm
Linux x86	166.95 MB	jdk-8u51-linux-i586.tar.gz
Linux x64	145.19 MB	jdk-8u51-linux-x64.rpm
Linux x64	165.25 MB	jdk-8u51-linux-x64.tar.gz
Mac OS X x64	222.09 MB	jdk-8u51-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	139.36 MB	jdk-8u51-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	98.8 MB	jdk-8u51-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	139.79 MB	jdk-8u51-solaris-x64.tar.Z
Solaris x64	96.45 MB	jdk-8u51-solaris-x64.tar.gz
Windows x86	176.02 MB	jdk-8u51-windows-i586.exe
Windows x64	180.51 MB	jdk-8u51-windows-x64.exe





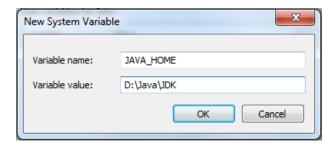






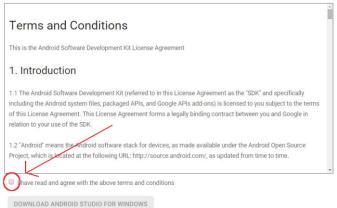






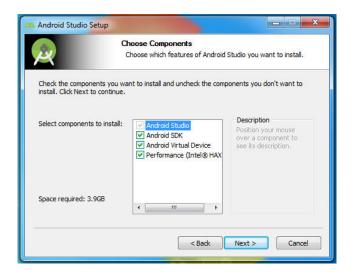
Download

Before installing Android Studio or the standalone SDK tools, you must agree to the following terms and conditions.



DOWNLOAD ANDROID STUDIO FOR WINDOWS



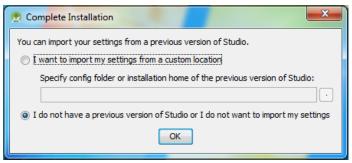


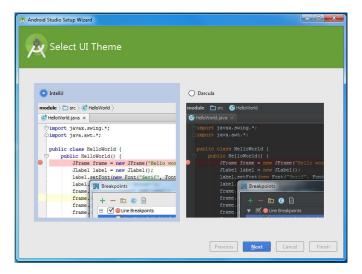






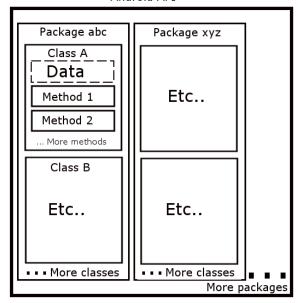




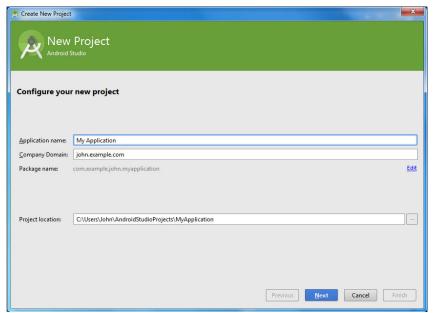


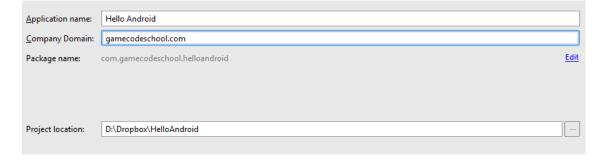


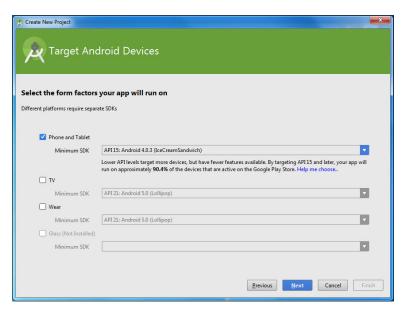
Android API



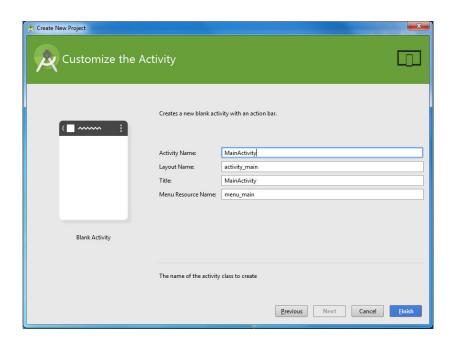








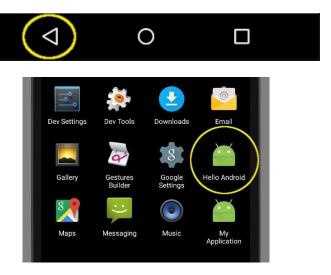


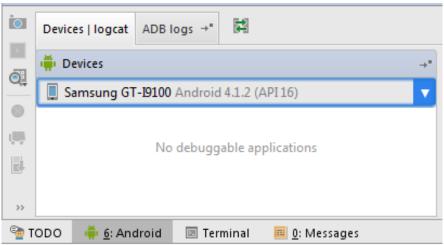


Activity Name:	MyActivity
Layout Name:	my_layout
Title:	My App
Menu Resource Name:	my_menu



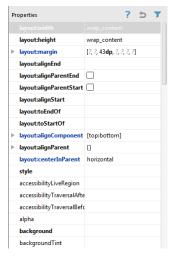


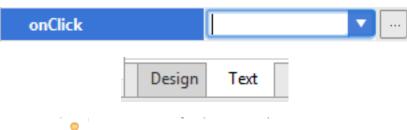




Chapter 2: Java – First Contact









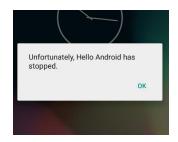
<Button

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="New Button"
android:id="%+id/button"
android:layout_below="%+id/textView"
android:layout_centerHorizontal="true"
android:layout_marginTop="43dp"
android:onClick="topClick" />
```

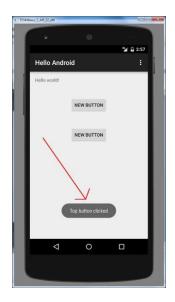
<Button

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="New Button"
android:id="&+id/button"
android:layout_below="&+id/textView"
android:layout_centerHorizontal="true"
android:layout_marginTop="43dp"
android:onClick="topClick" />
```

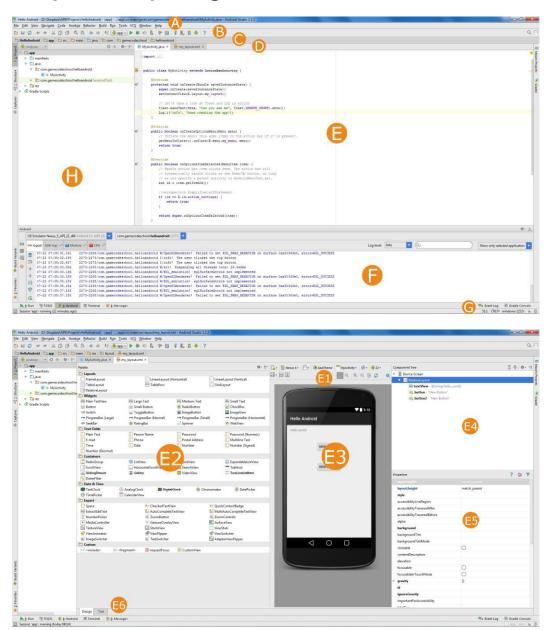


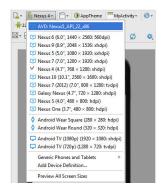


07-20 15:10:11.329 28669-28669/com.gamecodeschool.helloandroid I/art: Not late-enabling -Xcheck:jni (already on)
07-20 15:10:11.451 28669-28676/com.gamecodeschool.helloandroid I/art: Debugger is no longer active
07-20 15:10:11.506 28669-28669/com.gamecodeschool.helloandroid I/info: Done creating the app
07-20 15:10:11.773 28669-28692/com.gamecodeschool.helloandroid I/OpenGLRenderer: Initialized EGL, version 1.4



Chapter 3: Exploring Android Studio

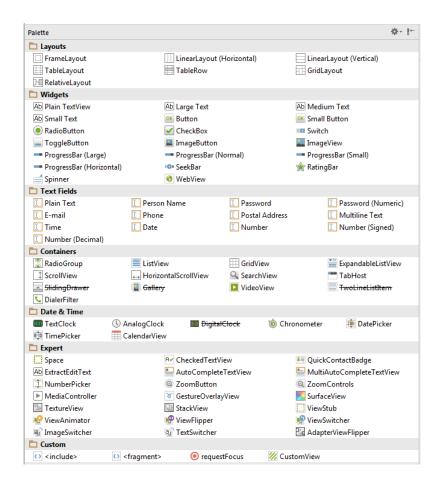




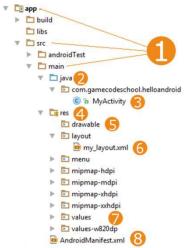










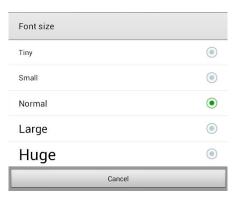


<TextView android:text="Hello world!" android:layout_width="wrap_content"

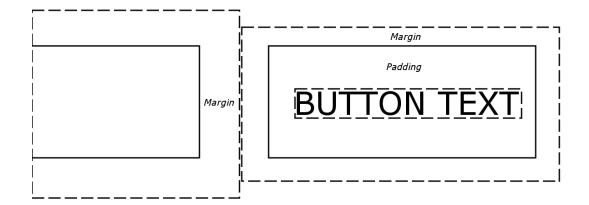
<TextView android:text="@string/hello_world" android:layout_width="wrap_content"</pre>

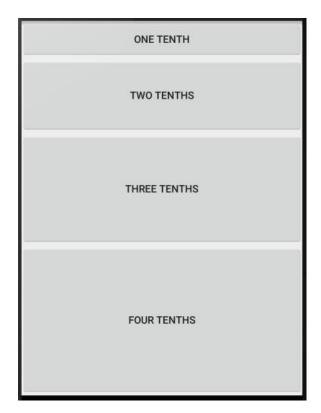
Chapter 4: Designing Layouts







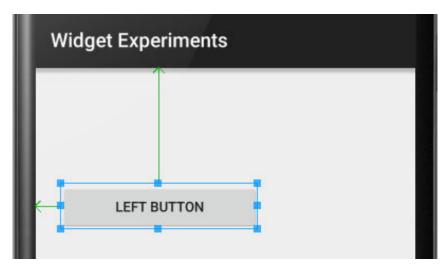


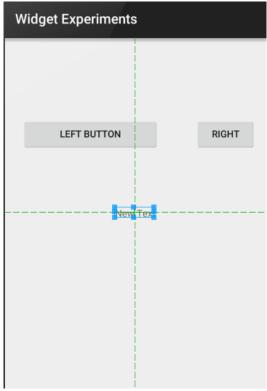


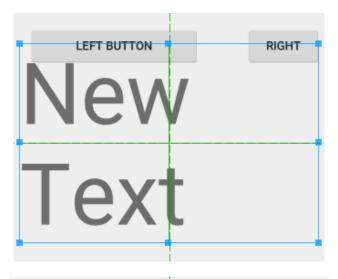


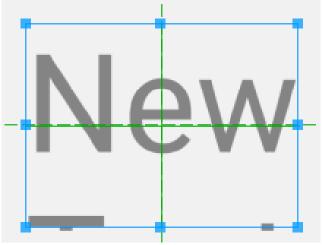
NEW BUTTON		

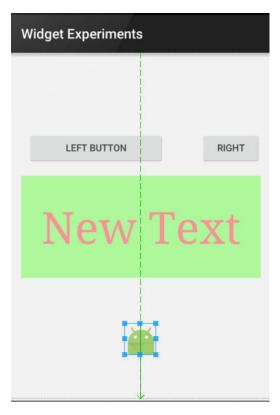
▼ layout:margin	[?, 10dp, 100dp, 50dp, 50dp, ?, ?]
all	
left	10 dp
top	100 dp
right	50 dp
bottom	50 dp



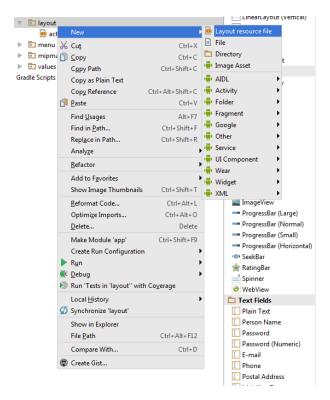


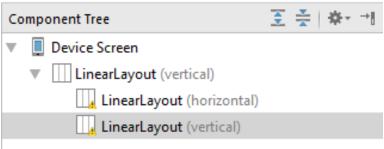










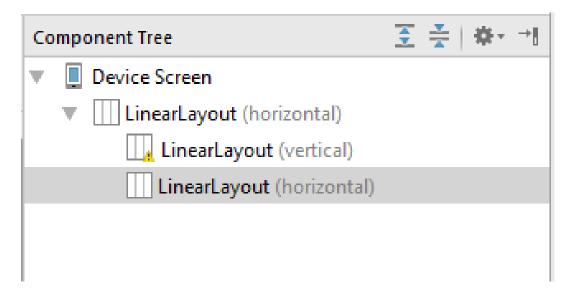


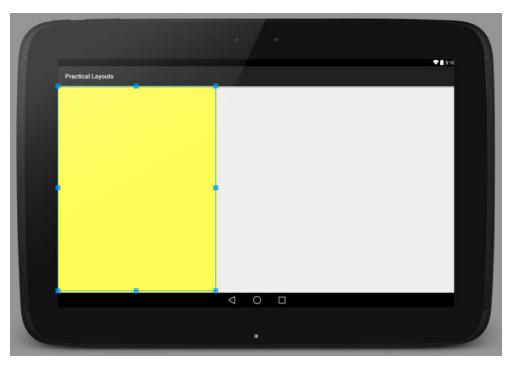
▼ gravity	[center_horizontal]
top	
bottom	
left	
right	
center_vertical	
fill_vertical	
center_horizontal	✓
fill_horizontal	
center	
fill	
clip_vertical	
clip_horizontal	
start	
end	

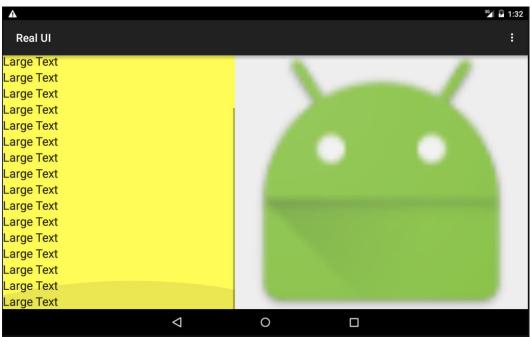
Linear Layout Experiment			
	NEW BUTTON	NEW BUTTON	
		Text	
	New	Text	

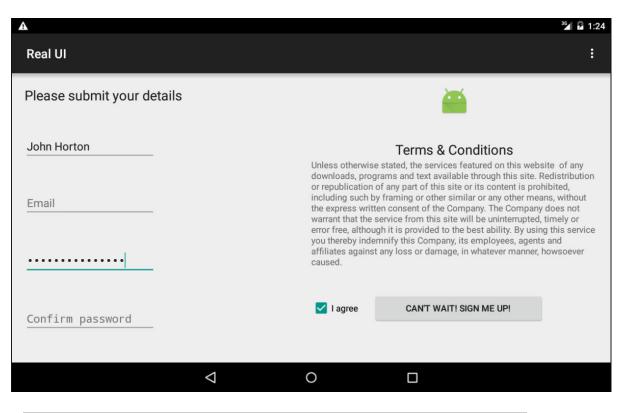
Chapter 5: Real-World Layouts

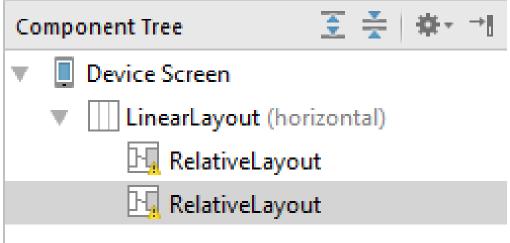


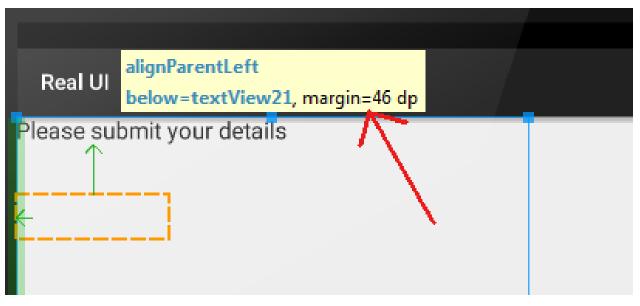




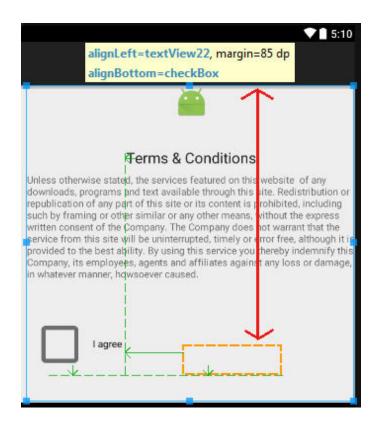


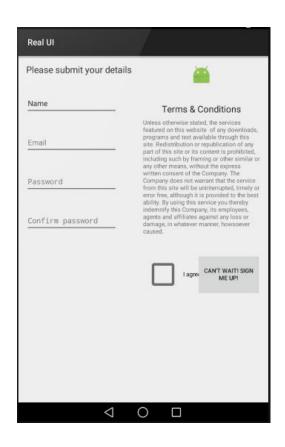




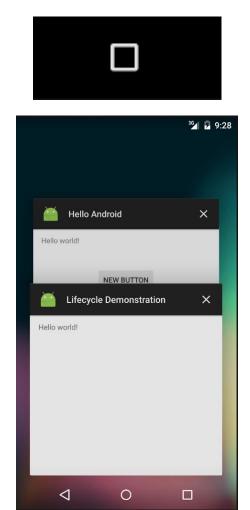


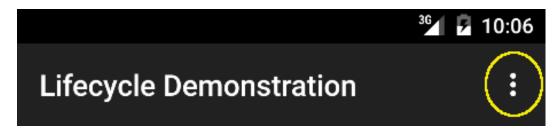


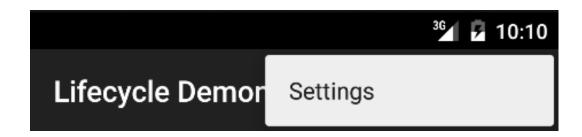




Chapter 6: The Life and Times of an Android App





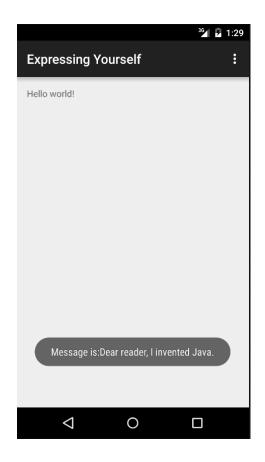


Chapter 7: Coding in Java Part 1 – Variables, Decisions, and Loops

int unreadMessages = 0;
unreadMessages = "Ada Lovelace";

Incompatible types.
 Required: int
 Found: java.lang.String





```
public class MainActivity extends ActionBarActivity {

1 tab @Override

protected void onCreate(Bundle savedInstanceState) {

1 tab super.onCreate(savedInstanceState);

Indent setContentView(R.layout.activity_main);
```

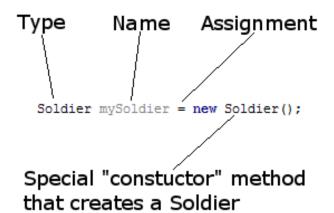


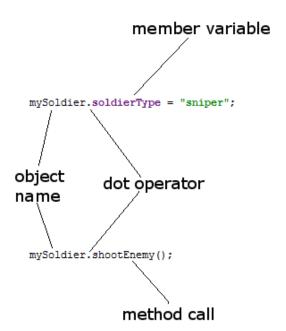
```
// a nested for loop
for(int i = 0; i < 3; i ++) {
    for(int j = 3; j > 0; j --) {
        // Output the values of i and j
        Log.i("i =" + i,"j=" + j);
    }
}
```

Chapter 8: Coding in Java Part 2 – Methods

Method Name Call it to execute (run) it What method does public void topClick(View v) { Toast.makeText(this, "Top button clicked", Toast.LENGTH_SHORT).show(); Log.i("info", "The user clicked the top button");

Chapter 9: Object-Oriented Programming





```
Soldier.java
                           public class Soldier {
                               // Member variables
                               int health;
                               String soldierType;
                               // Method of the class
                               void shootEnemy(){
                                  // bang bang
                           }
mySoldier
                                             mySoldier2
 mySoldier.health = 100;
                                               mySoldier2.health = 200;
 mySoldier.soldierType = "sniper";
                                               mySoldier.soldierType = "commando";
                            activity_main.xml ×
                                                      C Soldier.java ×
 C MainActivity.java ×
    package com.gamecodeschool.basicclasses;
      * Created by John on 27/02/2016.
    public class Soldier {
```

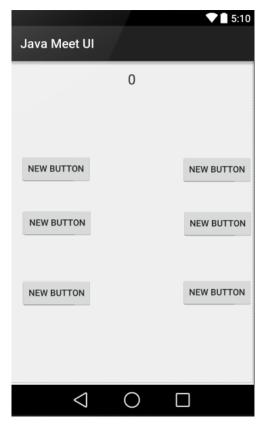
we__

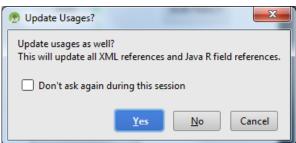
v • wellington Soldier

getDrawerToggleDelegate() Delegate

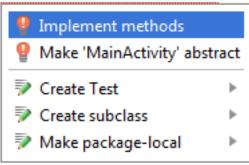
Press Ctrl+Space to see non-imported classes ≥>

Chapter 10: Everything's a Class

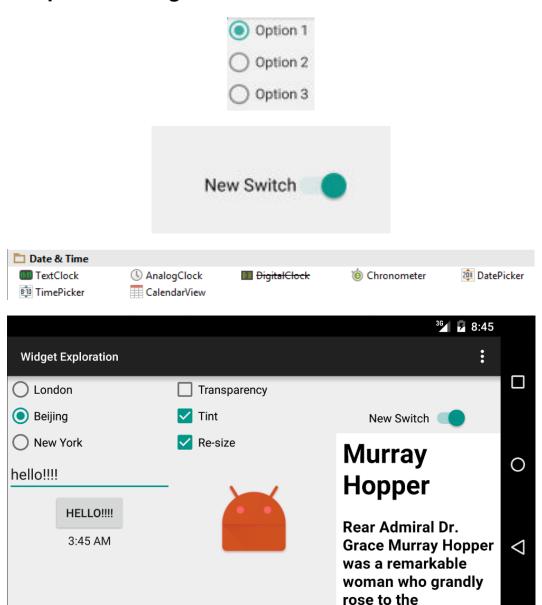


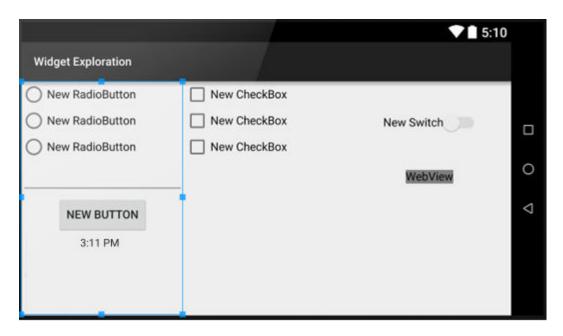


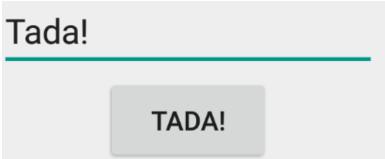




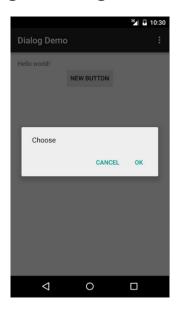
Chapter 11: Widget Mania

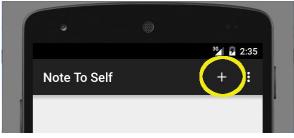


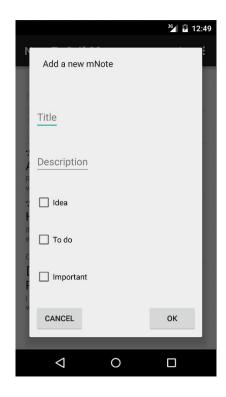


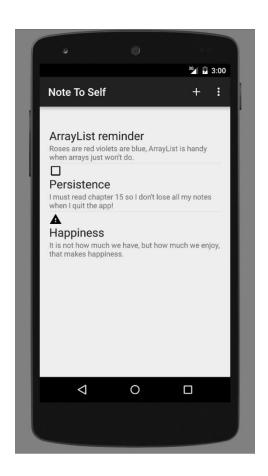


Chapter 12: Having a Dialogue with the User



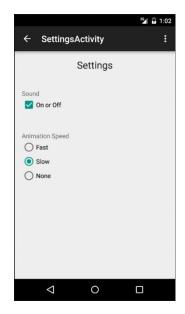








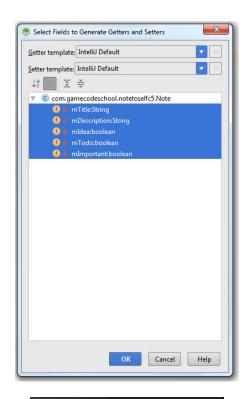


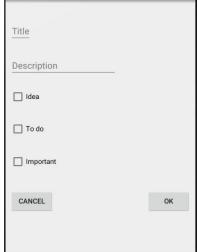


Name drawable-hdpi drawable-mdpi drawable-xhdpi drawable-xxhdpi drawable-xxhdpi drawable-xxhdpi

▼ Teres

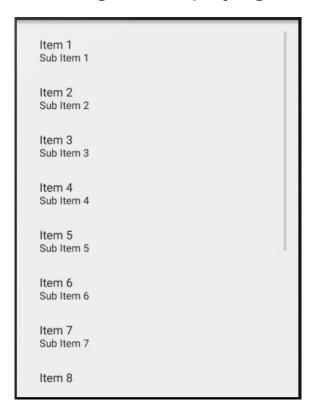
- ▼ In drawable
 - ▼ ic_add_white_24dp.png (5)
 - ic_add_white_24dp.png (hdpi)
 - ic_add_white_24dp.png (mdpi)
 - ic_add_white_24dp.png (xhdpi)
 - ic_add_white_24dp.png (xxhdpi)
 - ic_add_white_24dp.png (xxxhdpi)
 - ▼ ic_check_box_outline_blank_black_24dp.png (5)
 - ic_check_box_outline_blank_black_24dp.png (hdpi)
 - ic_check_box_outline_blank_black_24dp.png (mdpi)
 - ic_check_box_outline_blank_black_24dp.png (xhdpi)
 - ic_check_box_outline_blank_black_24dp.png (xxhdpi)
 - ic_check_box_outline_blank_black_24dp.png (xxxhdpi)
 - ▼ ic_warning_black_24dp.png (5)
 - ic_warning_black_24dp.png (hdpi)
 - ic_warning_black_24dp.png (mdpi)
 - ic_warning_black_24dp.png (xhdpi)
 - ic_warning_black_24dp.png (xxhdpi)
 - ic_warning_black_24dp.png (xxxhdpi)
 - ▼ ic_wb_incandescent_black_24dp.png (5)
 - ic_wb_incandescent_black_24dp.png (hdpi)
 - ic_wb_incandescent_black_24dp.png (mdpi)
 - ic_wb_incandescent_black_24dp.png (xhdpi)
 - ic_wb_incandescent_black_24dp.png (xxhdpi)
 - ic_wb_incandescent_black_24dp.png (xxxhdpi)







Chapter 13: Handling and Displaying Arrays of Data



Chapter 14: Handling and Displaying Notes in Note To Self



ArrayList reminder

Roses are red violets are blue, ArrayList is handy when arrays just won't do.

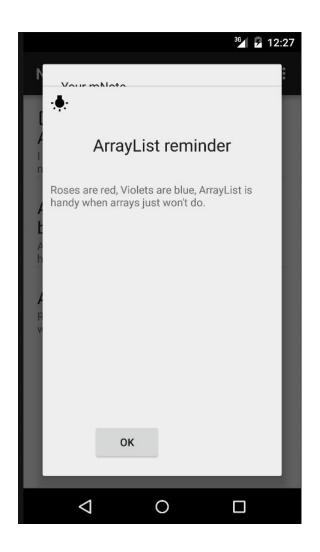
Persistence

I must read chapter 15 so I don't lose all my notes when I quit the app!



Happiness

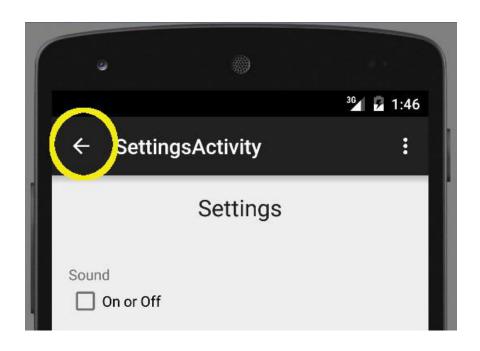
It is not how much we have, but how much we enjoy, that makes happiness.



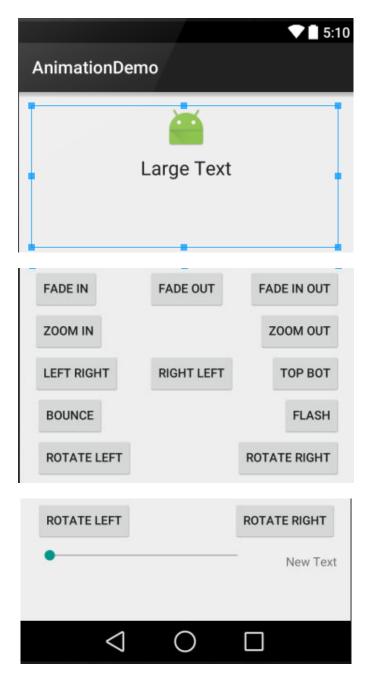
Chapter 15: Android Intent and Persistence

Sound FX	Settings
On or Off	
Animation speed Fast	
Slow	
None	

	³🚰 💆 1:05
Note To Self C7	+ (:)

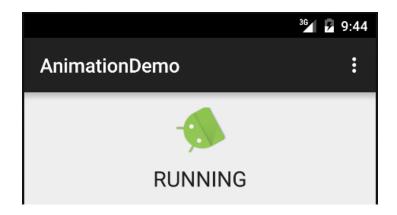


Chapter 16: UI Animations

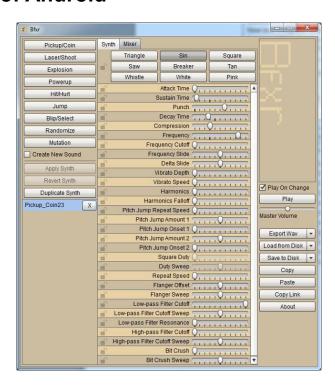






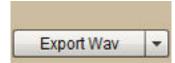


Chapter 17: Sound FX and Supporting Different Versions of Android

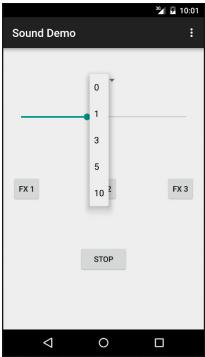


Dieleve (Caie	
Pickup/Coin	
Laser/Shoot	
Explosion	
Powerup	
Hit/Hurt	
Jump	
Blip/Select	
Randomize	
Mutation	

Attack Time ()	
Sustain Time	
Punch	
Decay Time	
Compression	
The second secon	
Frequency	
Frequency Cutoff ()	
Frequency Slide	
Delta Slide	
Vibrato Depth O	
Vibrato Speed Q	
Harmonics Q, , , , , , , , , , , , , , , , , , ,	
Harmonics Falloff Q	
Pitch Jump Repeat Speed Q	
Pitch Jump Amount 1	
Pitch Jump Onset 1	
Pitch Jump Amount 2	
Pitch Jump Onset 2	
Square Duty O	
Duty Sweep	
Repeat Speed ()	
Flanger Offset	
Flanger Sweep	
Low-pass Filter Cutoff	
Low-pass Filter Cutoff Sweep	
Low-pass Filter Resonance	
High-pass Filter Cutoff ()	
High-pass Filter Cutoff Sweep	
Bit Crush ()	
Bit Crush Sweep	-
Dit Ciusii Sweep	



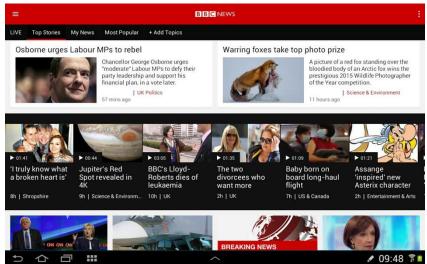


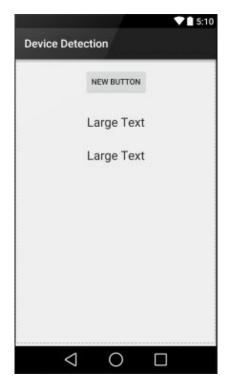




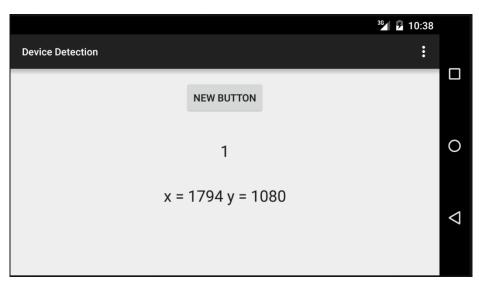
Chapter 18: Design Patterns, Fragments, and the Real World

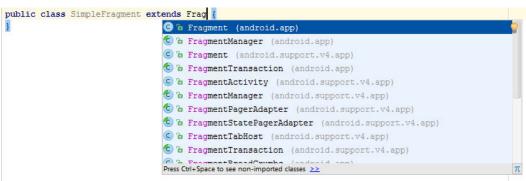


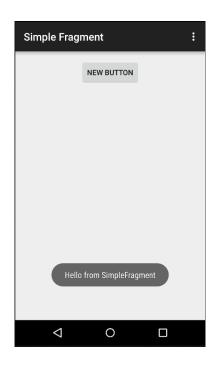






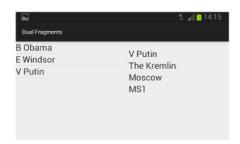




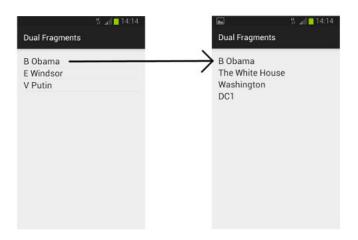


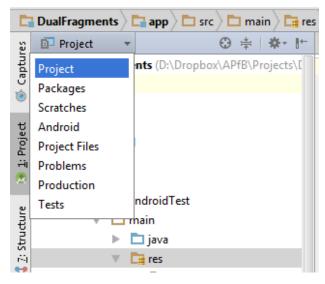
Chapter 19: Using Multiple Fragments

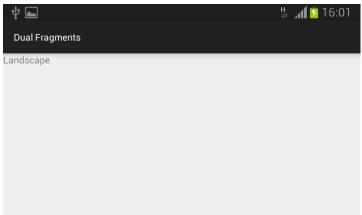
Landscape

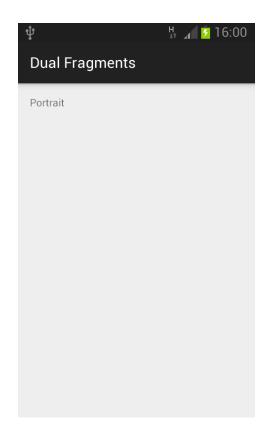


Portait

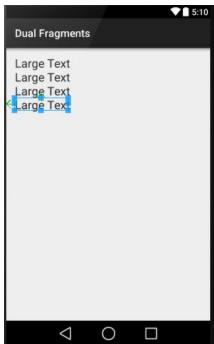






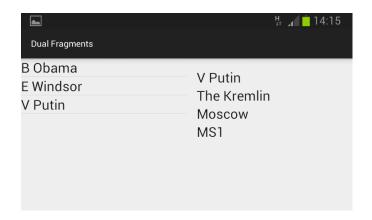




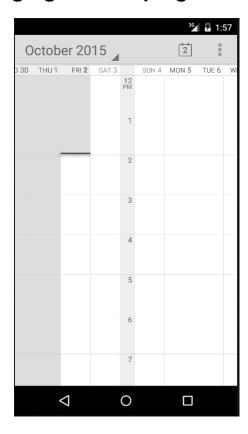






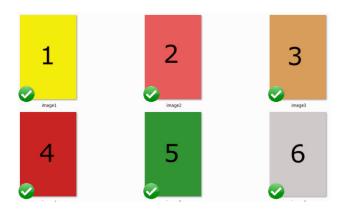


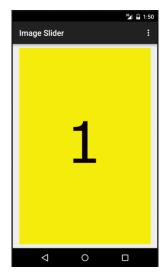
Chapter 20: Paging and Swiping

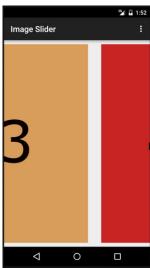


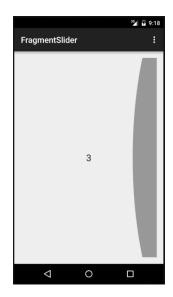
"Pages" scroll in and out of view



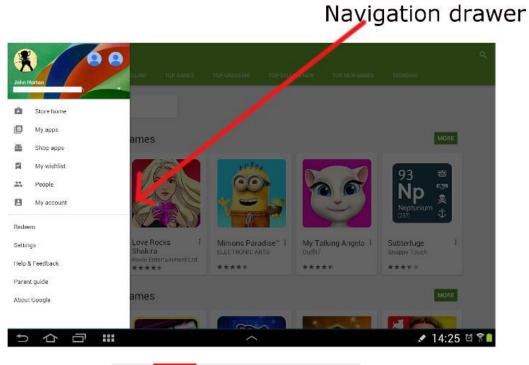


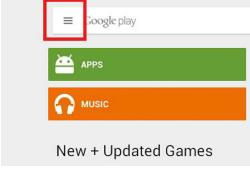


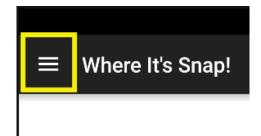


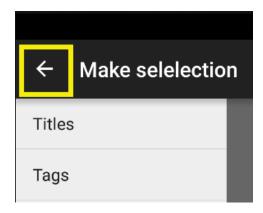


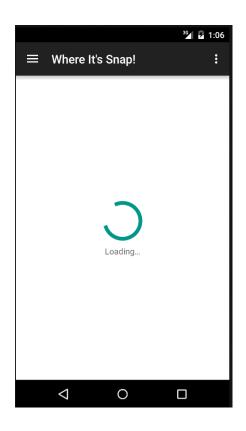
Chapter 21: Navigation Drawer and Where It's Snap

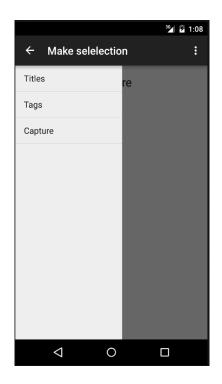




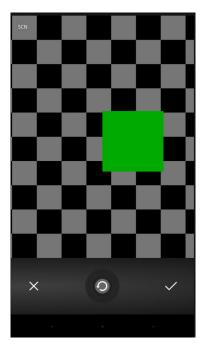


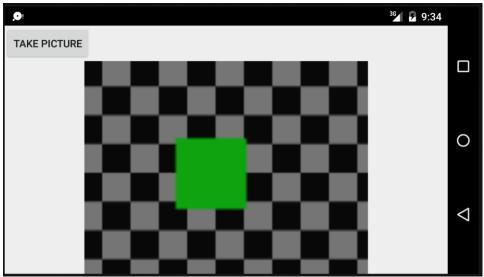




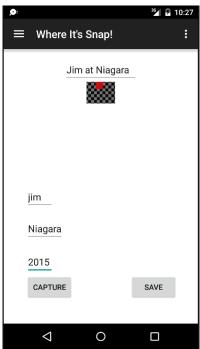


Chapter 22: Capturing Images





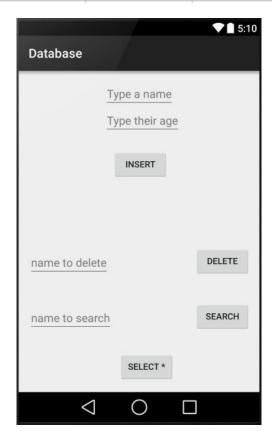




Chapter 23: Using SQLite Databases in Our Apps

_ID	name	score
1	Bart	23
2	Lisa	100
3	Jim	66

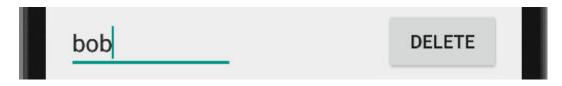
_ID	name	score
1	Bart	23
2	Lisa	100





I/bob: 42 I/jim: 56 I/Ed: 22 I/Divij: 23 I/Merwyn: 24





I/delete() =: DELETE FROM names_and_addresses WHERE name = 'bob';

I/jim: 56 I/Ed: 22 I/Divij: 23 I/Merwyn: 24

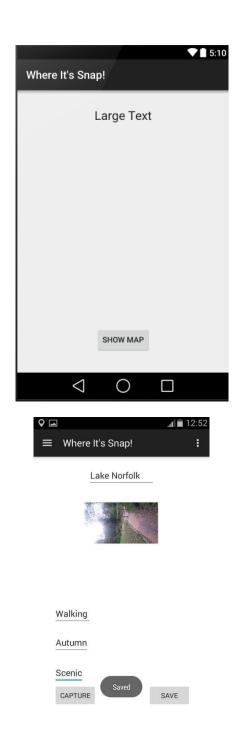
Chapter 24: Adding a Database to Where It's Snap

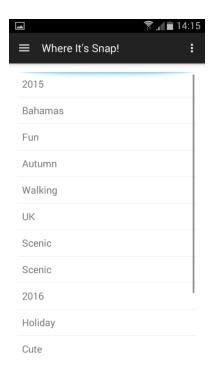
wis_table_photos

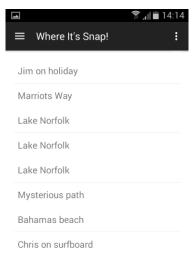
_id	image_title	image_uri	tag1	tag2	tag 3
1	Dave in the pool	/external/ima	2016	Barbados	Fun
2	Sarah on the beach	/external/ima	2015	Barbados	Pretty
3	My new car	/external/ima	2016	UK	Sad

wis_table_tags

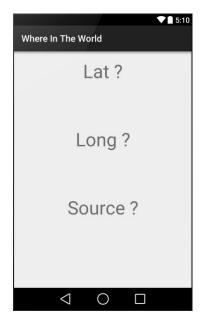
_id	tag	
1	Barbados	
2	2015	
3	2016	
4	Fun	
5	Pretty	
6	UK	
7	Sad	

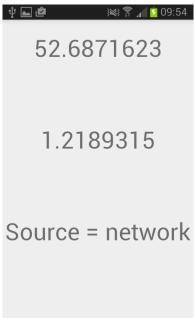




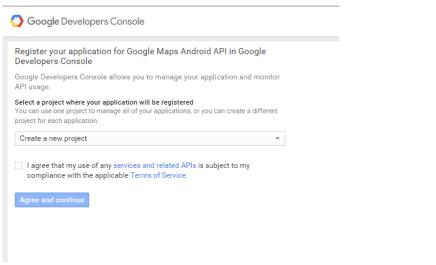


Chapter 25: Integrating Google Maps and GPS Locations









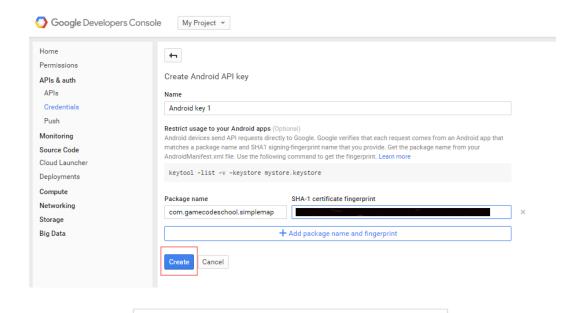


The API is enabled

The project has been created and Google Maps Android API has been enabled.

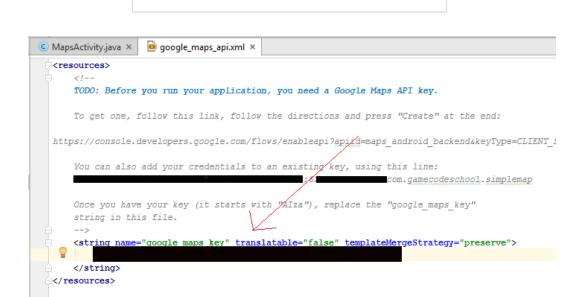
Next, to use the API you'll need the right credentials.

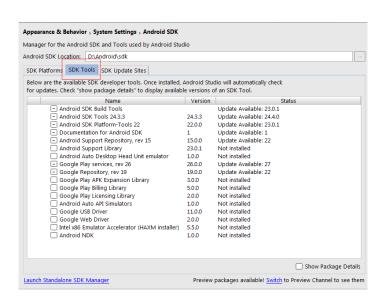
Go to credentials



API key

Here is your API key

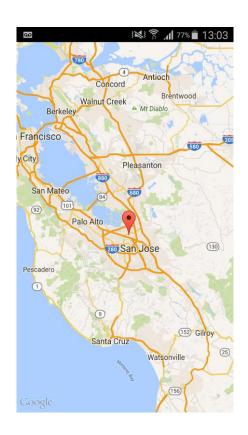




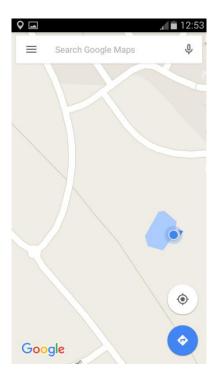


26.0.0 Update Available: 27

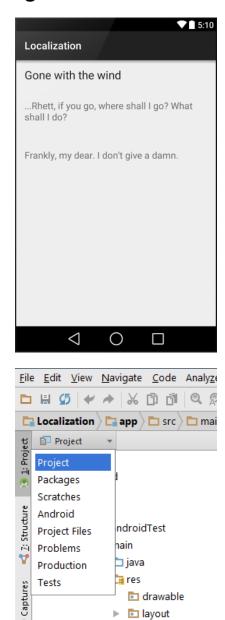




Chapter 26: Upgrading SQLite – Adding Locations and Maps



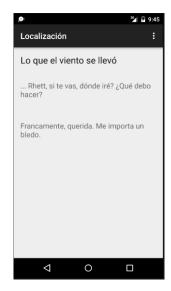
Chapter 27: Going Local - Hola!



▶ menu menu

- ▼ log values
 - dimens.xml
 - strings.xml
 - styles.xml
 - values-de
- ▼ 🖻 values-es
 - strings.xml
- ▼ line values-fr
 - strings.xml
- ▶ 🖻 values-w820dp
- AndroidManifest.xml







Chapter 28: Threads, Touches, Drawing, and a Simple Game

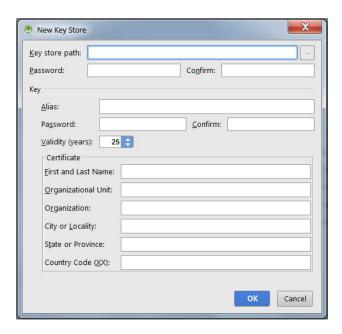


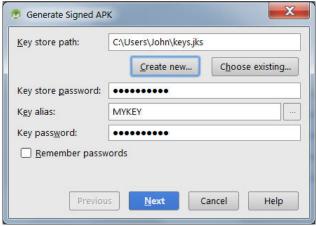
Score: 0 Lives: 2	
-	0
	◁

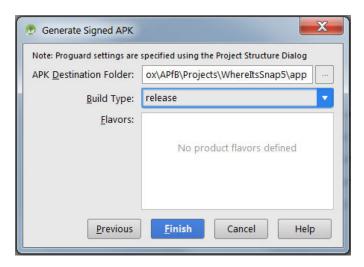
Chapter 29: Publishing Apps

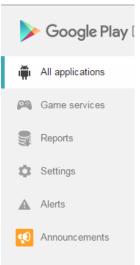


CONTRACTOR OF THE CONTRACTOR O		
	Create new	C <u>h</u> oose existing
Key store <u>p</u> assword:		
K <u>e</u> y alias:		
Key pass <u>w</u> ord:		300
Remember password	5	

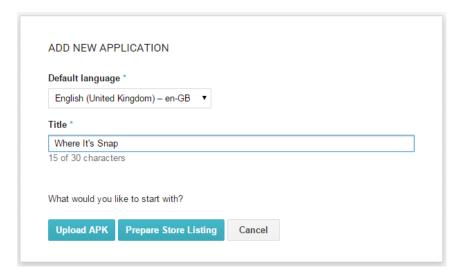


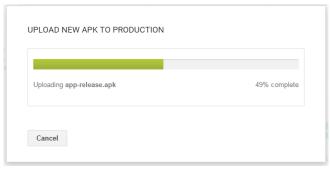


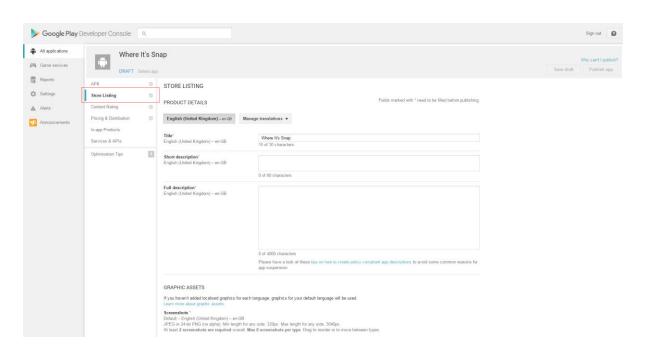




+ Add new application









Chapter 30: Before You Go

