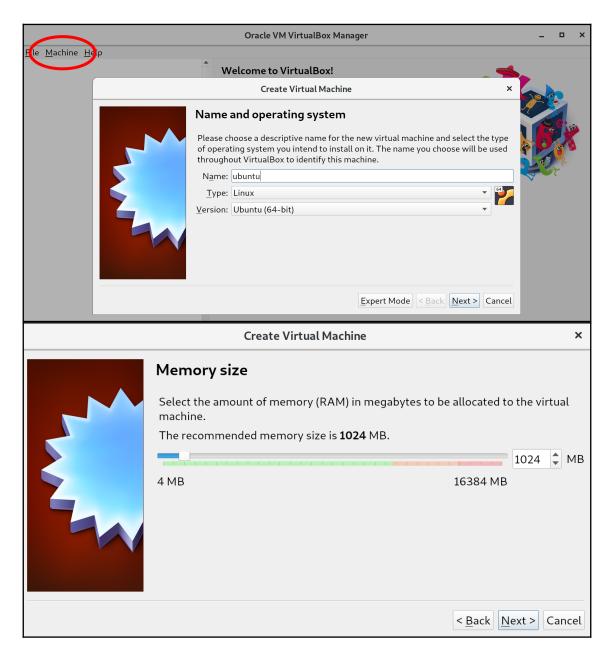
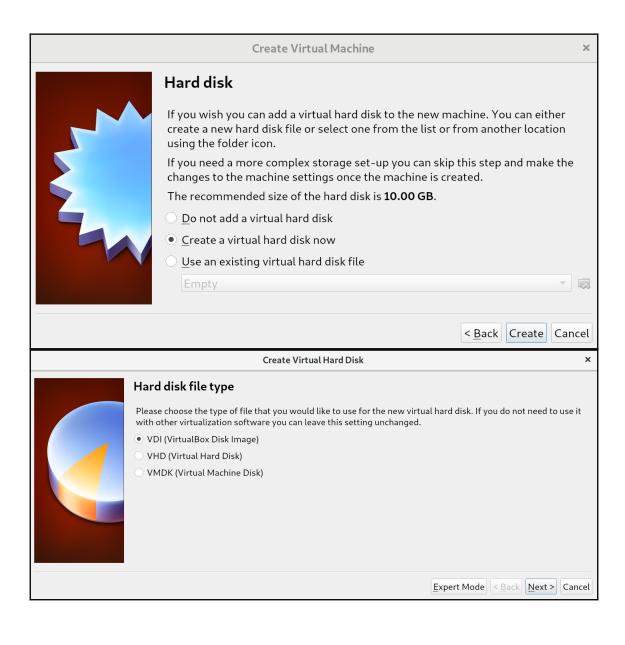
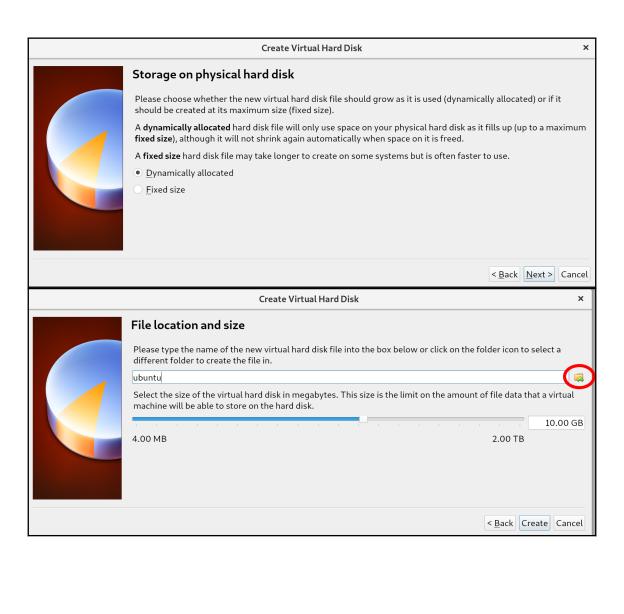
Chapter 1: Introduction

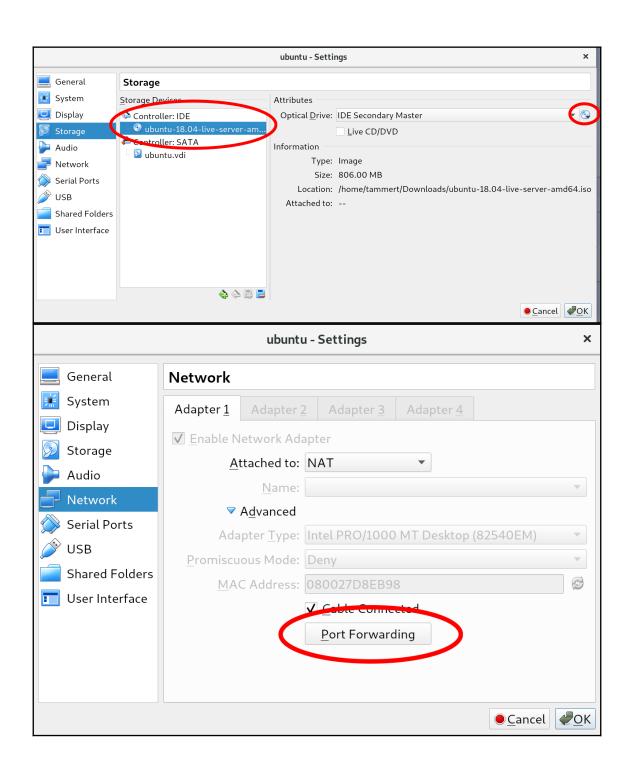
```
[root@caladan ~]# ssh reader@localhost -p 10022
reader@localhost's password:
Welcome to Ubuntu 18.04 LTS (GNU/Linux 4.15.0-23-generic x86_64)
 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
                  https://ubuntu.com/advantage
 * Support:
 System information as of Fri Jun 22 14:20:02 UTC 2018
 System load: 0.13
                                 Processes:
                                                        89
 Usage of /: 42.0% of 9.78GB
                                 Users logged in:
                                 IP address for enp0s3: 10.0.2.15
 Memory usage: 12%
 Swap usage: 0%
0 packages can be updated.
O updates are security updates.
Last login: Fri Jun 22 14:19:29 2018 from 10.0.2.2
reader@ubuntu:~$
```

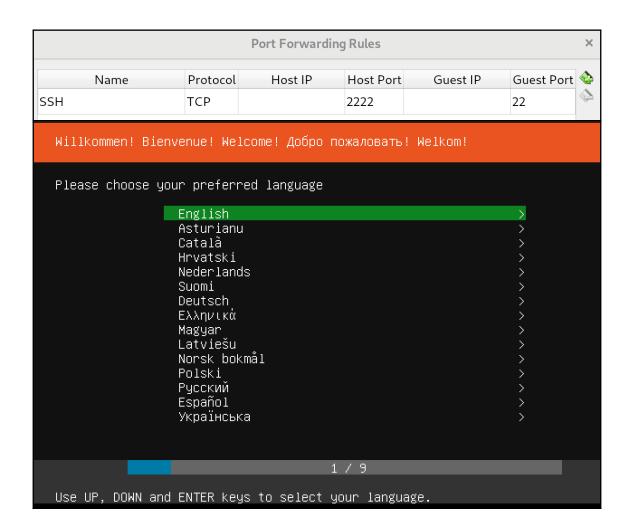
Chapter 2: Setting Up Your Local Environment

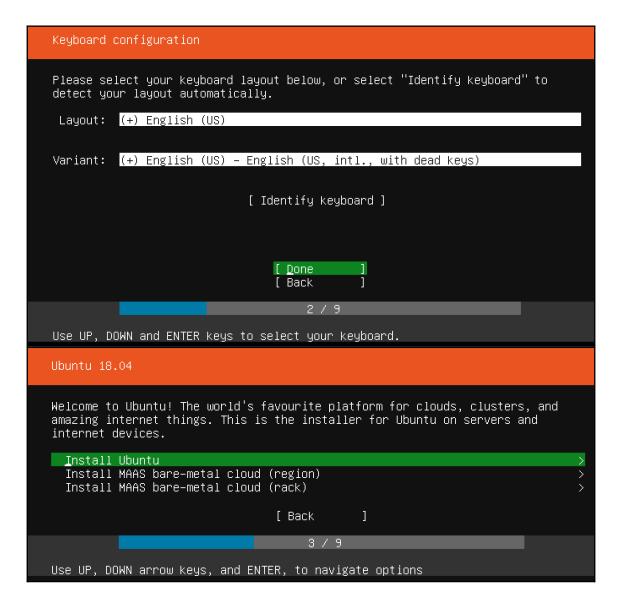


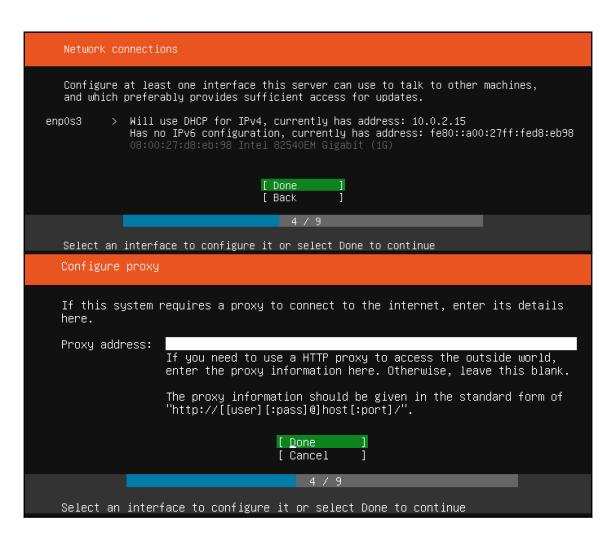






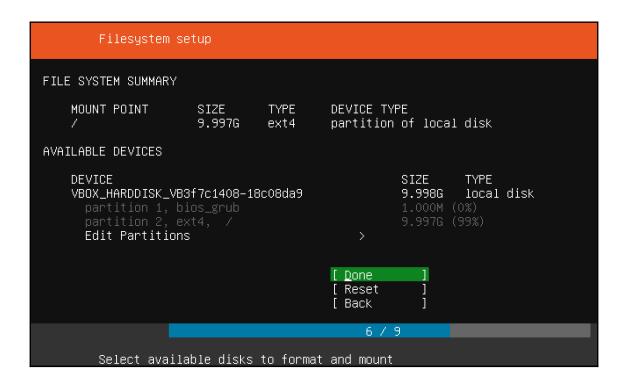






Filesystem setup The installer can guide you through partitioning an entire disk or, if you prefer, you can do it manually. If you choose to partition an entire disk you will still have a chance to review and modify the results. [<u>U</u>se An Entire Disk] [Manual [Back 6/9 Choose guided or manual partitioning Filesystem setup FILE SYSTEM SUMMARY MOUNT POINT SIZE TYPE DEVICE TYPE 9.997G ext4 partition of local disk AVAILABLE DEVICES – Confirm destructive action – DEVI **VBOX** Selecting Continue below will begin the installation process and result in the loss of data on the disks selected to be formatted. Ed You will not be able to return to this or a previous screen once the installation has started. Are you sure you want to continue? [No

[Continue



Profile setup	
Enter the username and system.	password (or ssh identity) you will use to log in to the
Your name:	Learn Linux Shell Scripting
Your server's name:	<mark>ubuntu</mark> The name it uses when it talks to other computers.
Pick a username:	reader
Choose a password:	****
Confirm your password:	жжжжжжж
Import SSH identity:	(+) No You can import your SSH keys from Github or Launchpad.
Import Username:	
	[Done]
	8 / 9
Install complete	

```
Finished install! -
      configuring mount: mount-0
configuring network
  running 'curtin net-meta auto'
    curtin command net-meta
writing install sources to disk
  running 'curtin extract'
    curtin command extract
      acquiring and extracting image from cp:///media/filesystem
configuring installed system
  running 'curtin curthooks'
    curtin command curthooks
      configuring apt configuring apt
      installing missing packages
      installing kernel
      setting up swap
      apply networking config
      writing etc/fstab
      configuring multipath
      updating packages on target system
      configuring pollinate user–agent on target system
finalizing installation
running 'curtin hook'
    curtin command hook
executing late commands
```

[View full log]
[Reboot Now]

9/9

Thank you for using Ubuntu!

Ubuntu 18.04 LTS ubuntu tty1

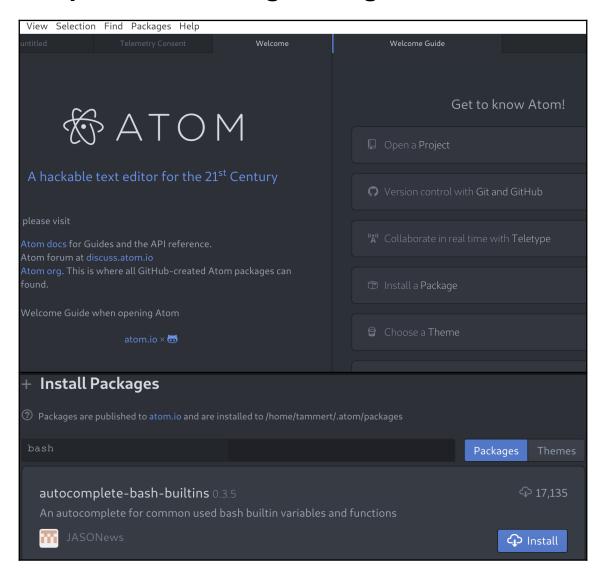
ubuntulogin: _

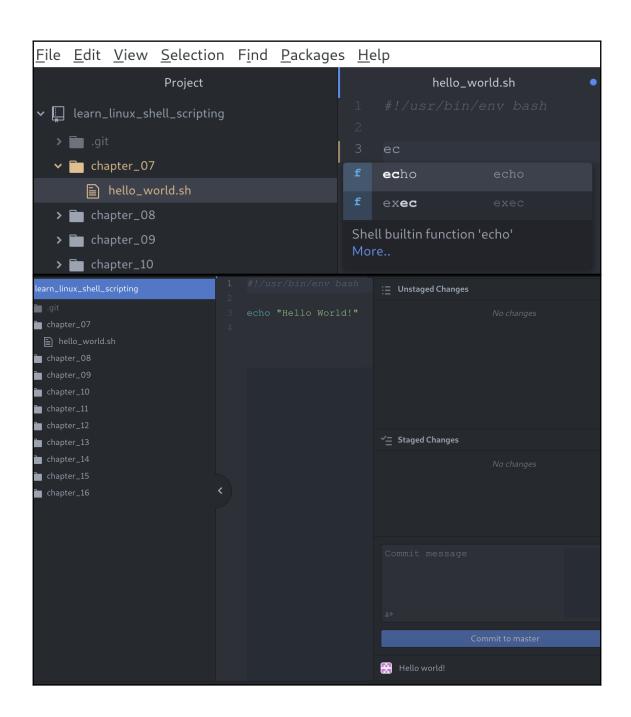
Ubuntu 18.04 LTS ubuntu tty1 ubuntu login: reader Password: Welcome to Ubuntu 18.04 LTS (GNU/Linux 4.15.0–23-generic x86_64) https://help.ubuntu.com * Documentation: * Management: https://landscape.canonical.com * Support: https://ubuntu.com/advantage System information as of Fri Jun 22 14:06:25 UTC 2018 Sustem load: 0.64 85 Processes: Users logged in: Usage of /: 39.7% of 9.78GB IP address for enp0s3: 10.0.2.15 Memory usage: 12% Swap usage: 0% 90 packages can be updated. 43 updates are security updates. The programs included with the Ubuntu system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright. Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law. To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo_root" for details.

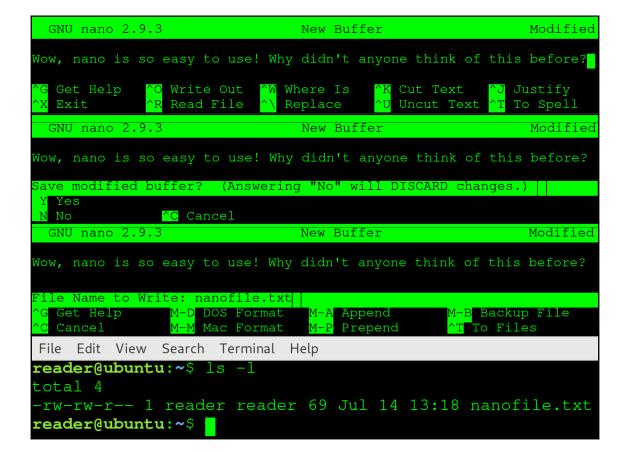
reader@ubuntu:~\$ _

Chapter 3: Choosing the Right Tools

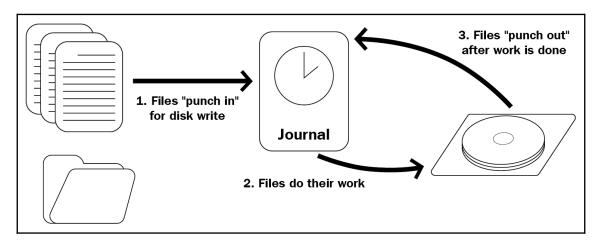




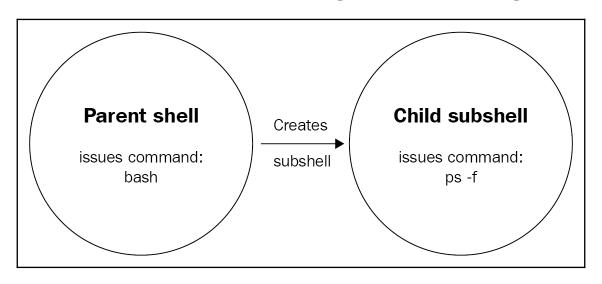
```
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
3 🛂 🗎 🖺 🧣 3 0 📤 | 🕹 16 16 | D C | # 🐄 | 🤏 🥞 15 1 🎼 🗷 🗵 🔊 🖎 🖦 👁 | 🗨 🗈 18 🖟
🔚 hello_world.sh 🗵
     #!/bin/bash
     echo "Hello World!"
                   Ln:4 Col:1 Sel:010
length: 36 lines: 4
                                               Windows (CR LF) UTF-8
                     VIM - Vi IMproved
                     version 8.0.1453
                 by Bram Moolenaar et al.
Modified by pkg-vim-maintainers@lists.alioth.debian.org
      Vim is open source and freely distributable
              Help poor children in Uganda!
     type :q<Enter>
                                      to exit
     type :help<Enter> or <F1> for on-line help
            :help version8<Enter> for version info
     type
                                                       0,0-1
                                                                      All
File Edit View Search Terminal Help
This is insert mode! We can now enter any text we like, since our keyboard
actions will not be interpreted.
- INSERT --
                                                        1,108
                                                                      All
File Edit View Search Terminal Help
This is insert mode! We can now enter any text we like, since our keyboard
actions will not be interpreted.
                                                        1,107
                                                                      A11
 GNU nano 2.9.3
                                   New Buffer
  Get Help
              Write Out ^W Where Is
                                    ^K Cut Text
                                                 'J Justify
              Read File
```



Chapter 4: The Linux Filesystem



Chapter 9: Error Checking and Handling



Chapter 13: Functions

```
reader@ubuntu:~/scripts/chapter_13$ bash colorful.sh
Hello world!
Hello world!
Hello world!
Hello world!
```