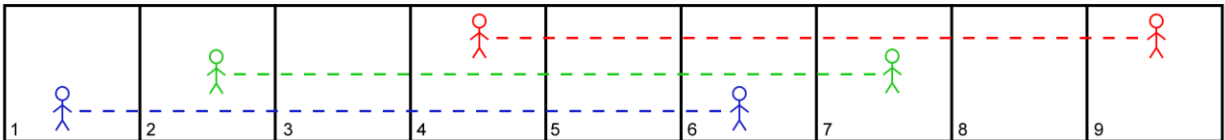
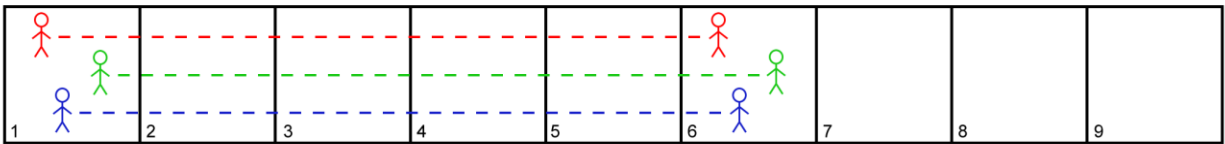
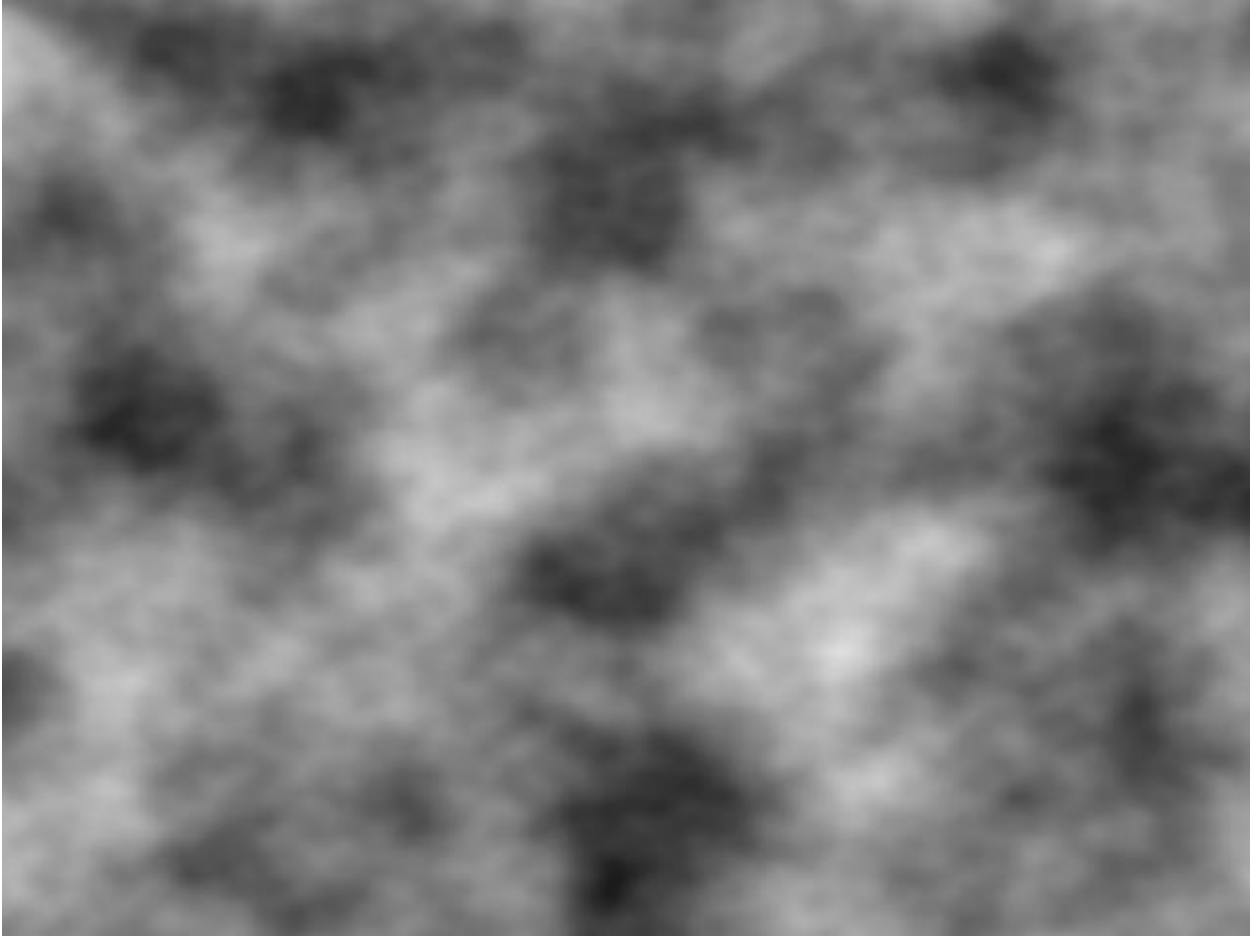
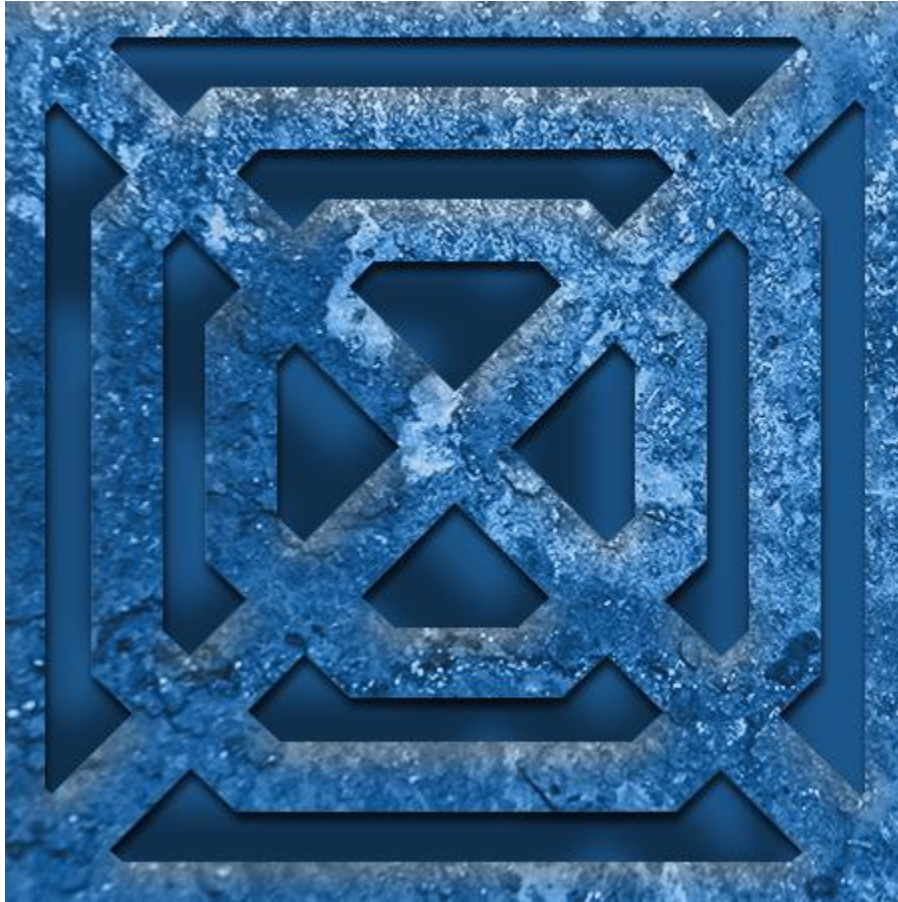


# Chapter 1

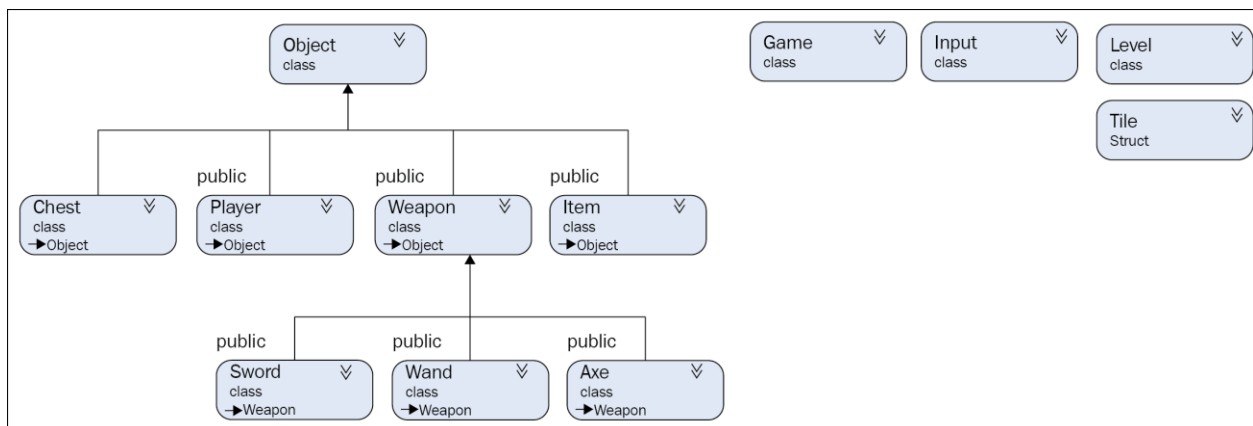
```
Command Prompt
Press enter to generate a random number:
41
Press enter to generate a random number:
18467
Press enter to generate a random number:
6334
Press enter to generate a random number:
26500
Press enter to generate a random number:
19169
Press enter to generate a random number: _
```







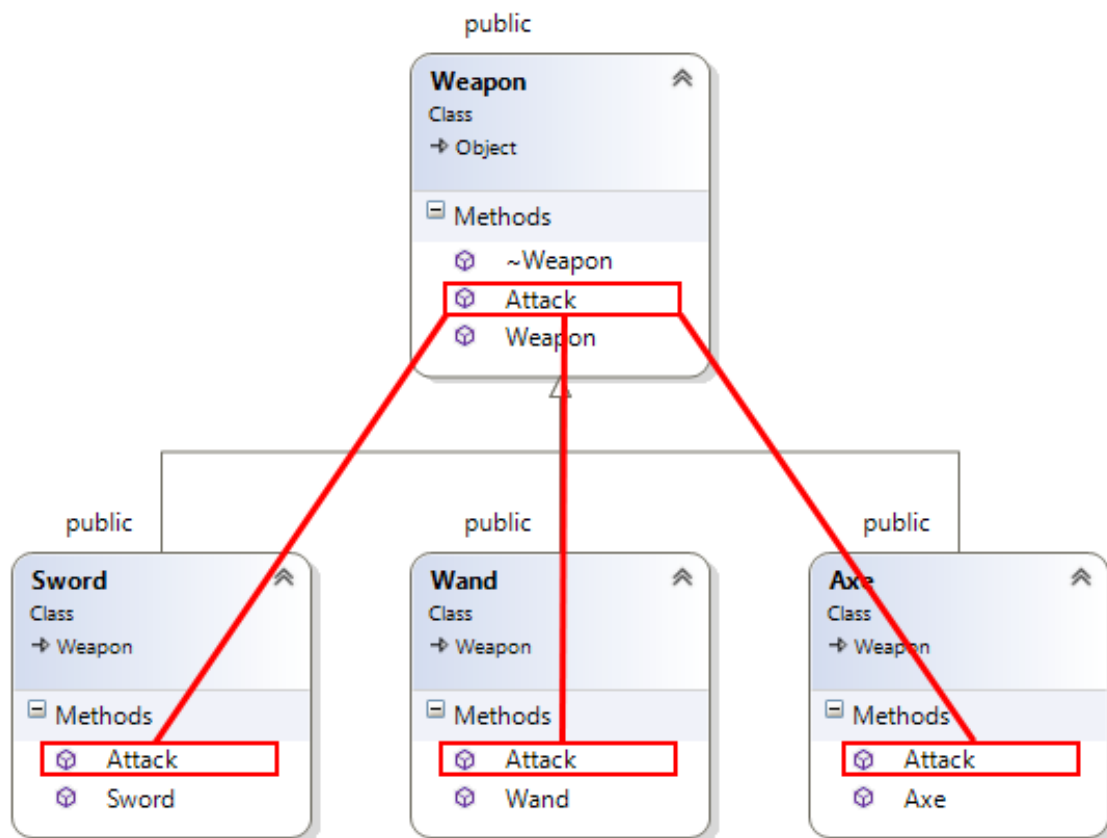
## Chapter 2

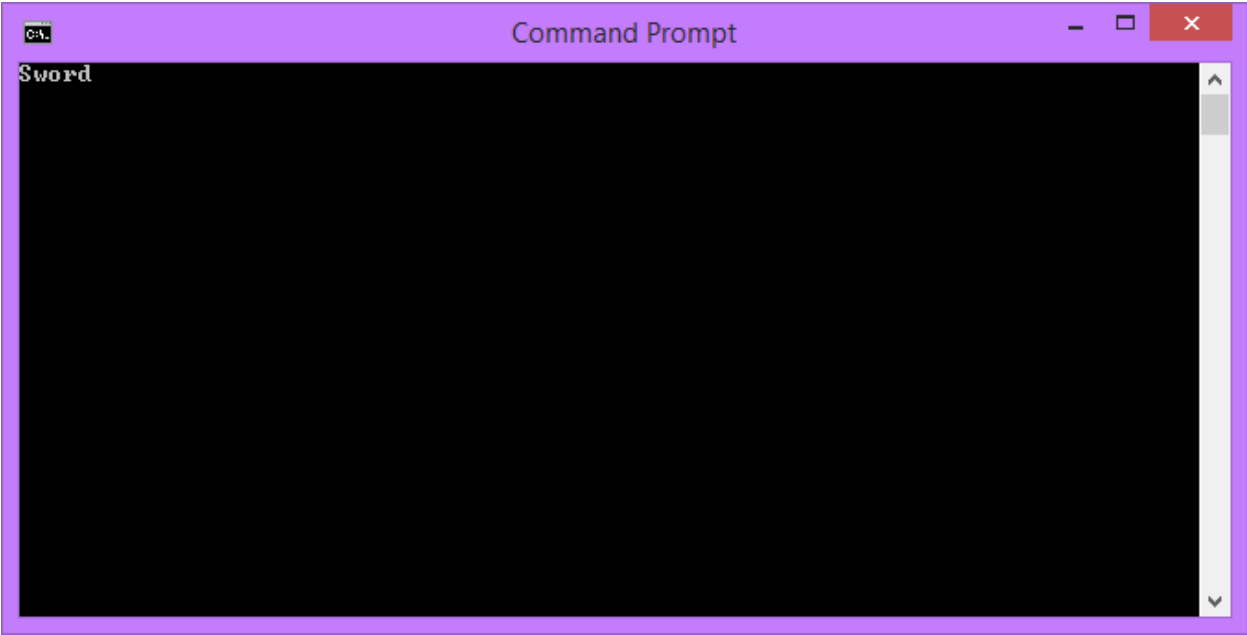
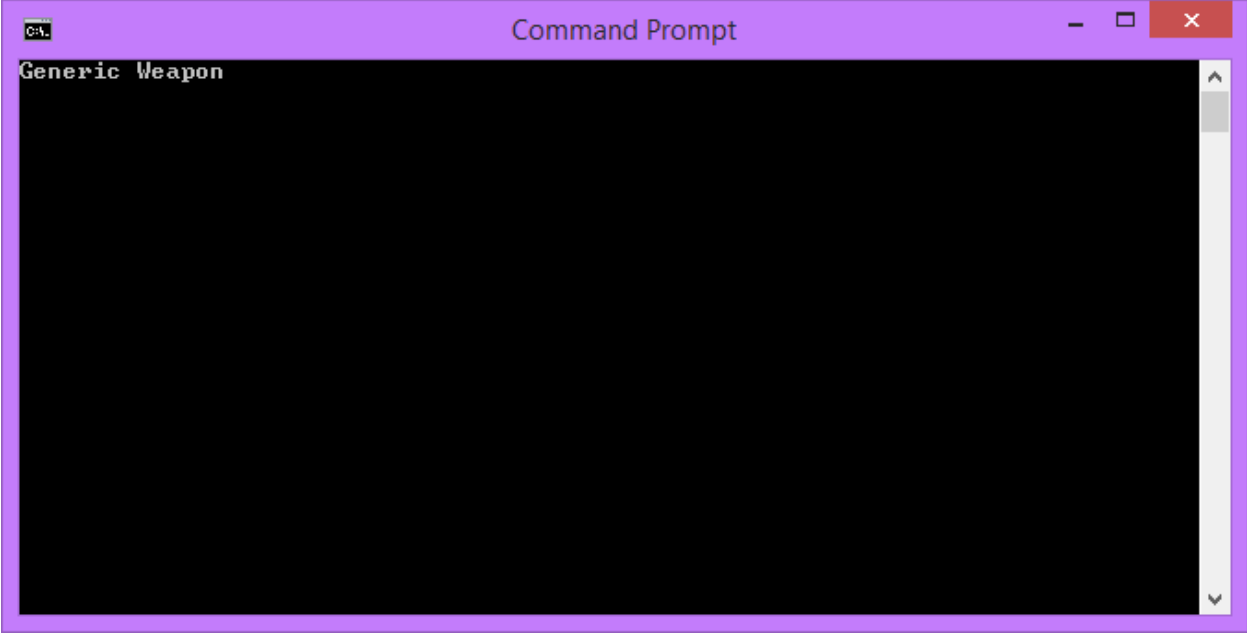


```

level_data.txt
1 [06] [10] [10] [10] [10] [10] [10] [10] [10] [10] [14] [10] [16] [10] [14] [10] [10] [10] [12]
2 [05] [19] [19] [19] [19] [19] [19] [19] [19] [19] [05] [19] [19] [19] [01] [19] [19] [19] [05]
3 [05] [19] [06] [10] [10] [10] [10] [10] [10] [10] [13] [19] [19] [19] [19] [19] [19] [19] [05]
4 [05] [19] [05] [19] [19] [19] [19] [19] [19] [19] [05] [19] [04] [19] [02] [10] [10] [10] [13]
5 [05] [19] [03] [10] [10] [10] [12] [19] [04] [19] [05] [19] [05] [19] [19] [19] [19] [19] [05]
6 [05] [19] [19] [19] [19] [19] [01] [19] [05] [19] [05] [19] [05] [19] [19] [04] [19] [19] [05]
7 [05] [19] [19] [04] [19] [19] [19] [19] [05] [19] [05] [19] [05] [19] [19] [05] [19] [19] [05]
8 [05] [19] [19] [01] [19] [19] [06] [10] [09] [19] [01] [19] [05] [19] [19] [05] [19] [19] [05]
9 [05] [19] [19] [19] [19] [19] [05] [19] [19] [19] [19] [19] [03] [10] [10] [09] [19] [19] [05]
10 [05] [19] [06] [10] [10] [10] [13] [19] [19] [19] [19] [19] [19] [19] [19] [19] [19] [19] [05]
11 [05] [19] [05] [19] [19] [19] [05] [19] [19] [19] [19] [19] [19] [19] [19] [19] [19] [19] [05]
12 [05] [19] [05] [19] [04] [19] [03] [10] [12] [19] [19] [02] [10] [10] [10] [10] [10] [10] [13]
13 [05] [19] [05] [19] [05] [19] [19] [19] [01] [19] [19] [19] [19] [19] [19] [19] [19] [19] [05]
14 [05] [19] [05] [19] [03] [12] [19] [19] [19] [19] [19] [19] [19] [19] [02] [10] [12] [19] [19] [05]
15 [05] [19] [05] [19] [19] [05] [19] [19] [19] [19] [19] [19] [19] [19] [19] [19] [05] [19] [19] [05]
16 [05] [19] [01] [19] [19] [03] [10] [10] [12] [19] [19] [19] [02] [10] [10] [09] [19] [19] [05]
17 [05] [19] [19] [19] [19] [19] [19] [19] [05] [19] [19] [19] [19] [19] [19] [19] [19] [19] [05]
18 [05] [19] [19] [19] [19] [19] [19] [19] [05] [19] [19] [19] [19] [19] [19] [19] [19] [19] [05]
19 [03] [10] [10] [10] [10] [10] [10] [10] [11] [10] [10] [10] [10] [18] [10] [10] [10] [10] [09]

```







# Chapter 3

```
cmd
false
true
true
false
false
false
false
false
true
false
true
false
true
true
false
true
true
true_
```



```
Command Prompt
Enter a number, and we'll split it into three random smaller numbers:
100
value 0: 41
value 1: 47
value 2: 12
_
```





```
cat. Command Prompt
Press enter for the name of a random animal!
Cat
Bird
Lizard
Dog
Lizard
Lizard
Fox
Fox
Bird
Lizard
Dog
Dog
Cat
Bird
Cat
Cat
Dog_
```



```
Command Prompt
Press enter to generate a random character from the ASCII standard:
Random Char: p
Press enter to generate a random character from the ASCII standard:
Random Char: h
Press enter to generate a random character from the ASCII standard:
Random Char: q
Press enter to generate a random character from the ASCII standard:
Random Char: g
Press enter to generate a random character from the ASCII standard:
Random Char: h
Press enter to generate a random character from the ASCII standard:
-
```

```
Command Prompt
Press enter to iterate a random number of times:
Iteration 0: Hello World!
Iteration 1: Hello World!
Iteration 2: Hello World!
Iteration 3: Hello World!
We made 4 call(s) to HelloWorld() that time!
Press enter to iterate a random number of times:
Iteration 0: Hello World!
Iteration 1: Hello World!
Iteration 2: Hello World!
Iteration 3: Hello World!
Iteration 4: Hello World!
We made 5 call(s) to HelloWorld() that time!
Press enter to iterate a random number of times:
Iteration 0: Hello World!
Iteration 1: Hello World!
We made 2 call(s) to HelloWorld() that time!
```



## Chapter 4

















## Chapter 6



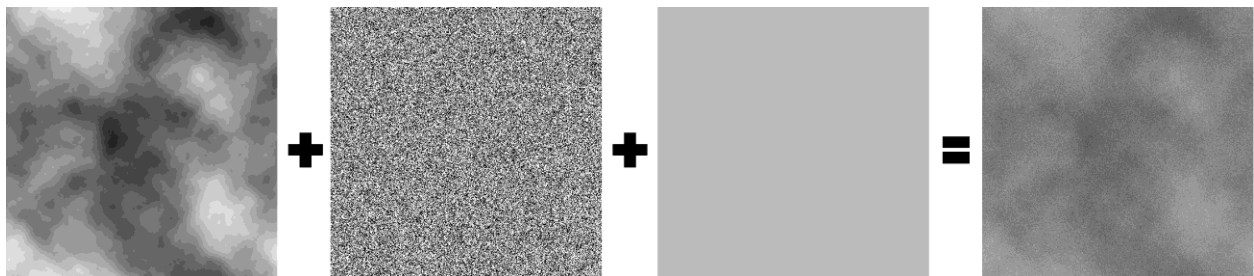
Original



Random Color



Random Size

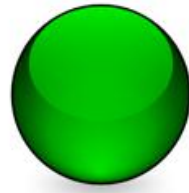




Original



Grey



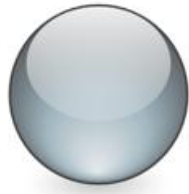
Green



Blue



Original



High Alpha



Mid Alpha



Low Alpha







Original



New



Original



New



Draw Call 1



Draw Call 2

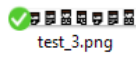
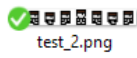
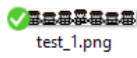
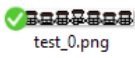
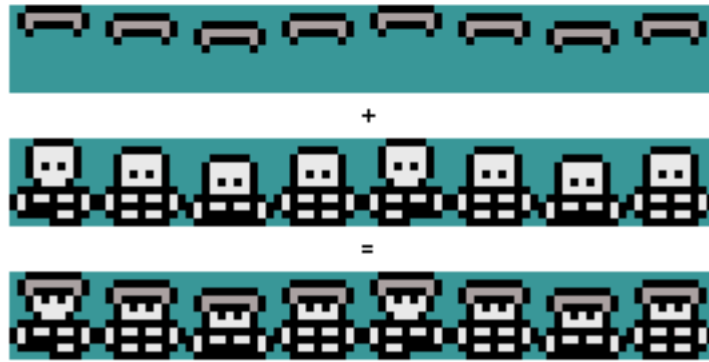


Draw Call 3



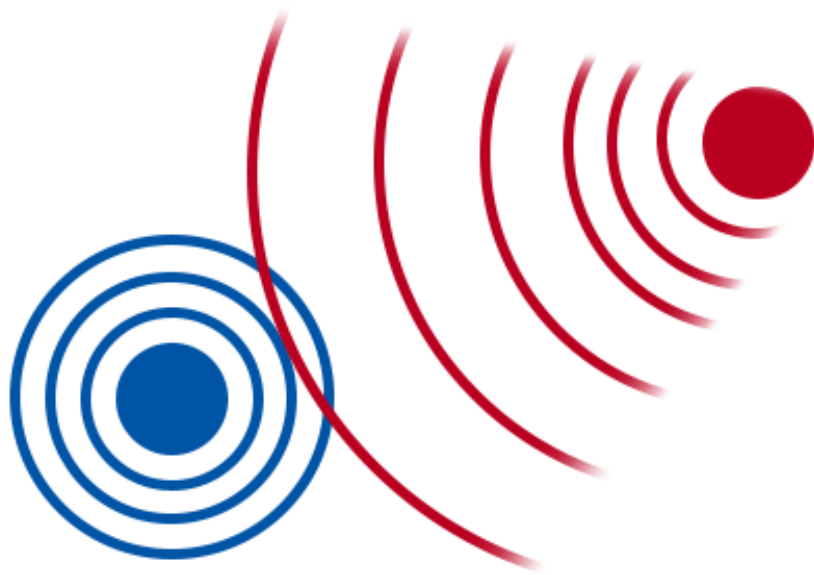
Final Image





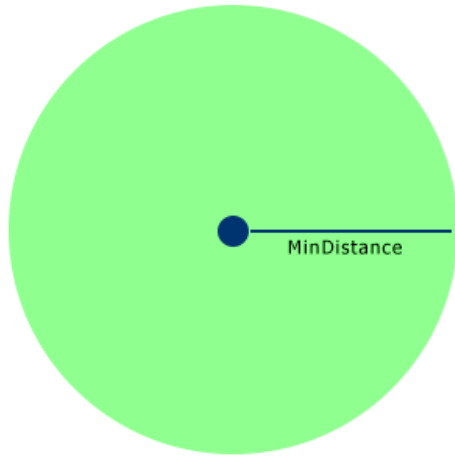


## Chapter 7



● Audio Listener

● Sound Source



● Source

● Full Volume

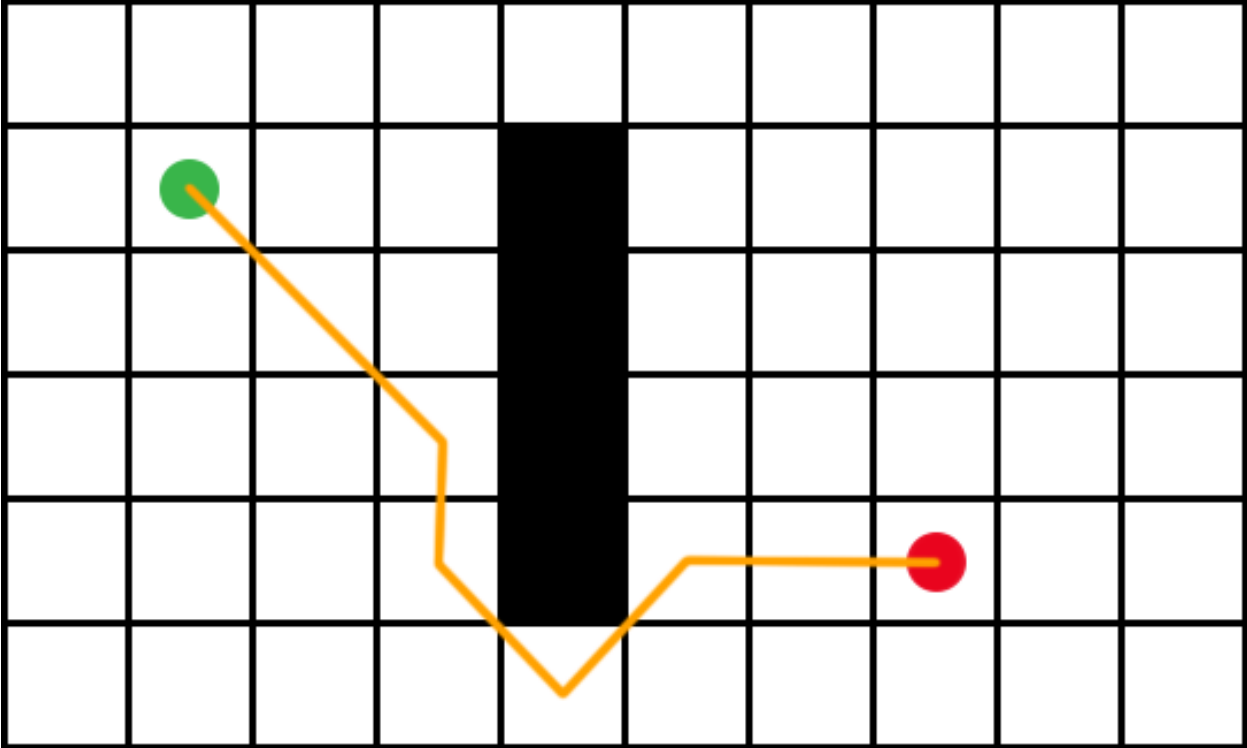
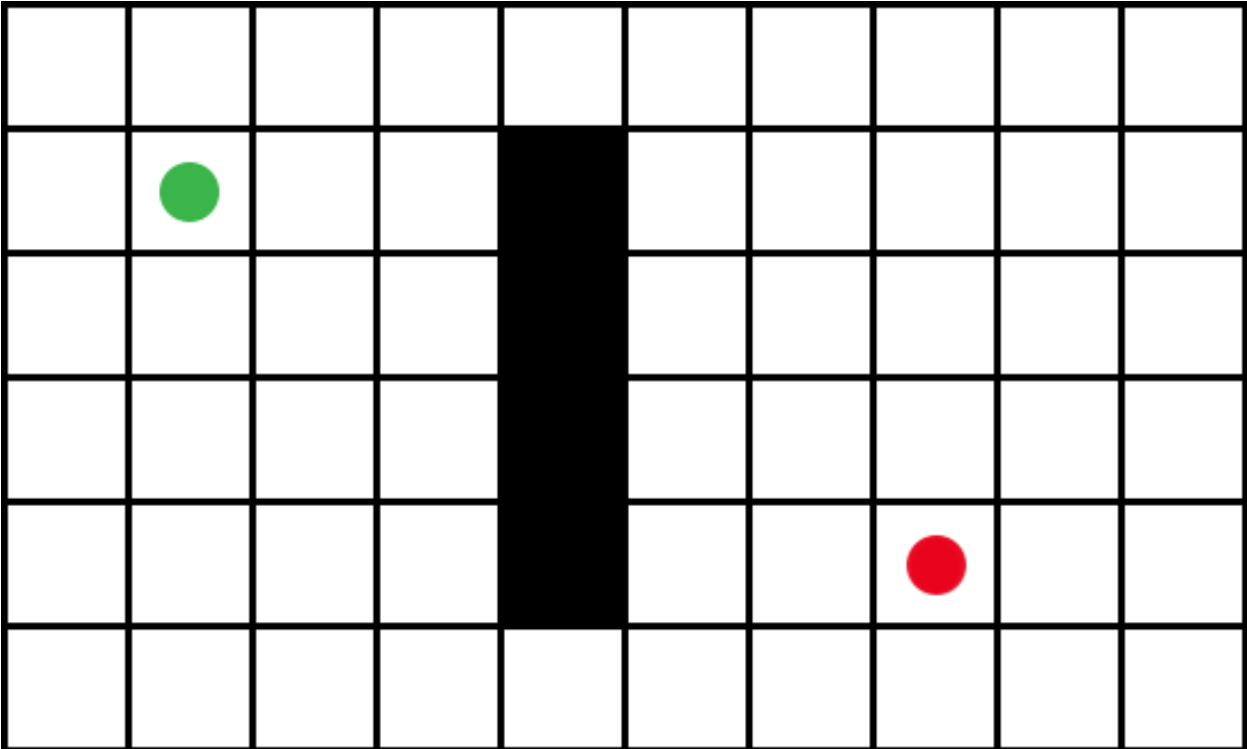


High Attenuation (Fast Dropoff)

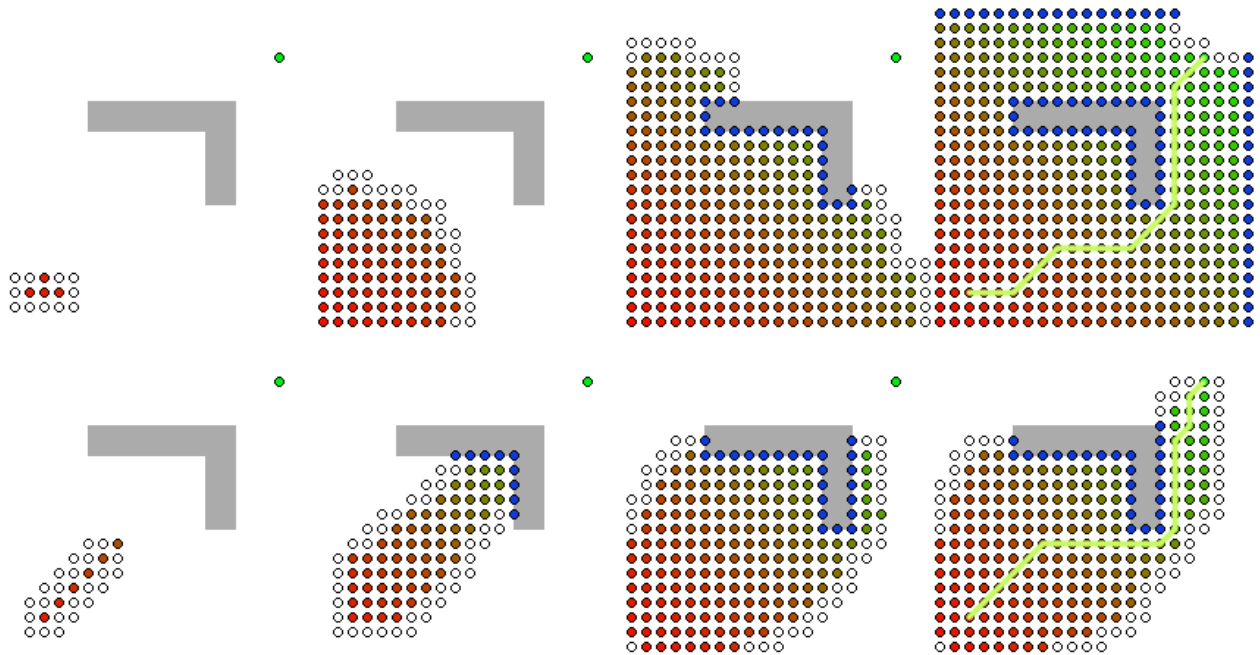


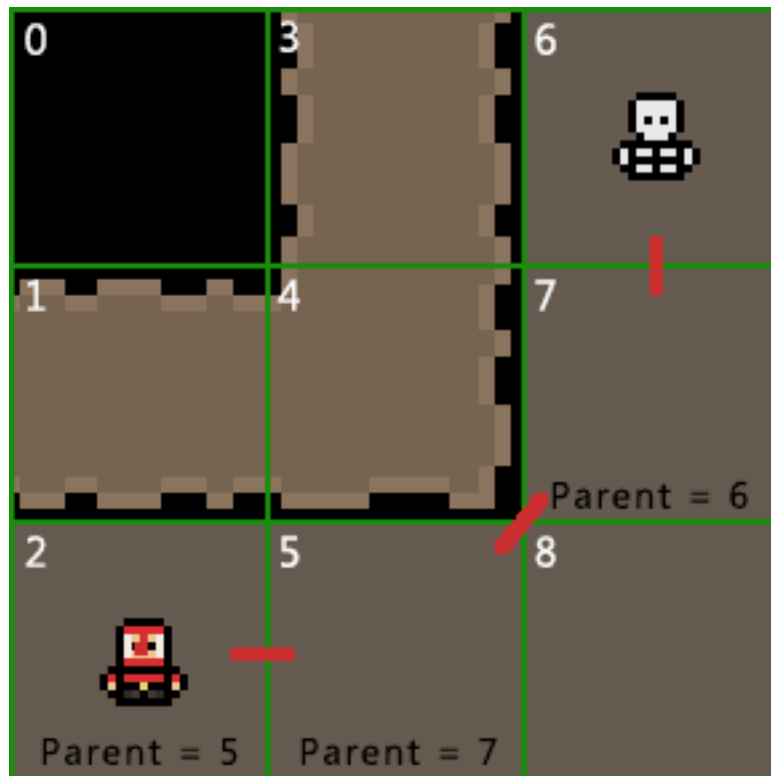
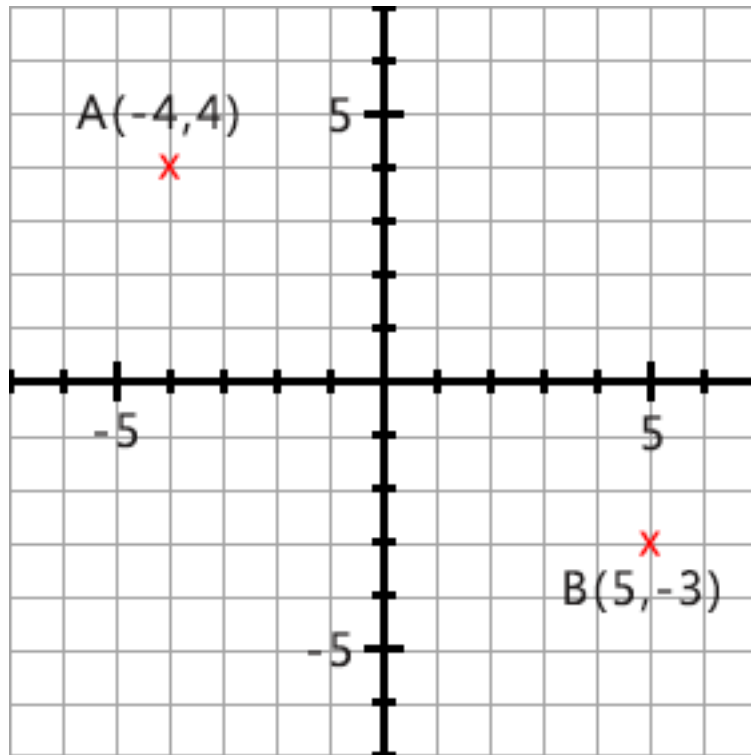
Low Attenuation (Gradual Dropoff)

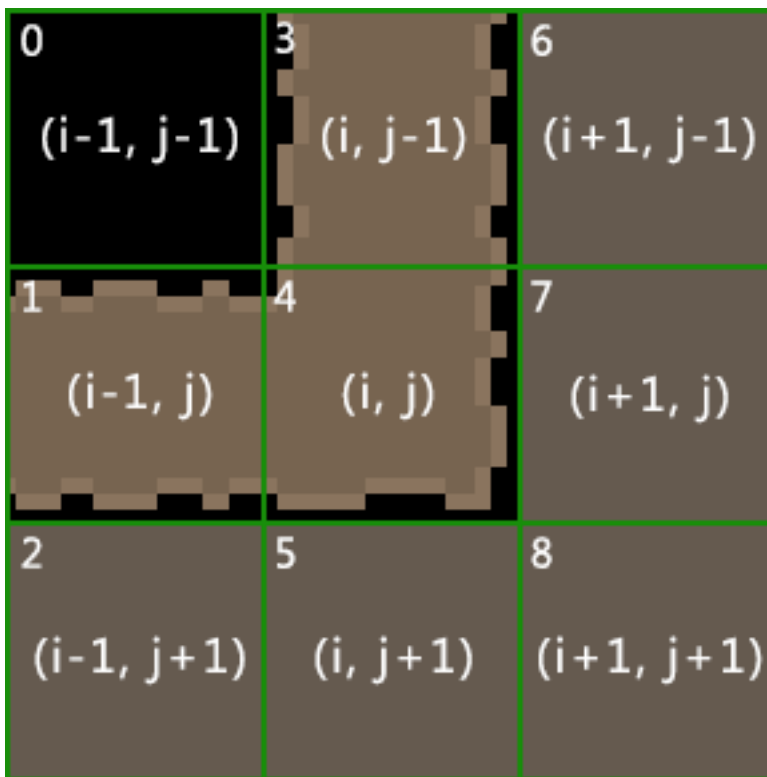
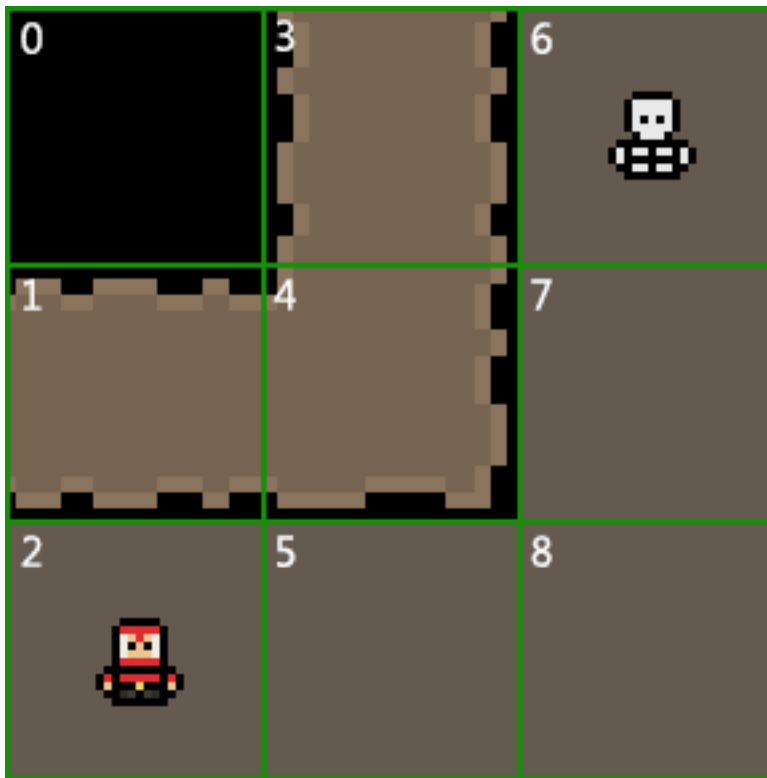
Chapter 8

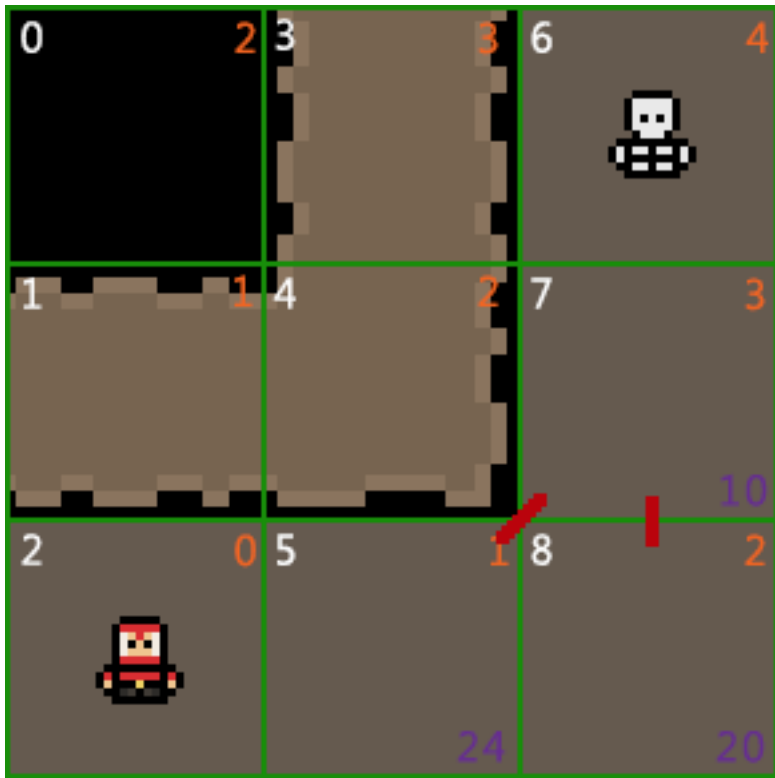
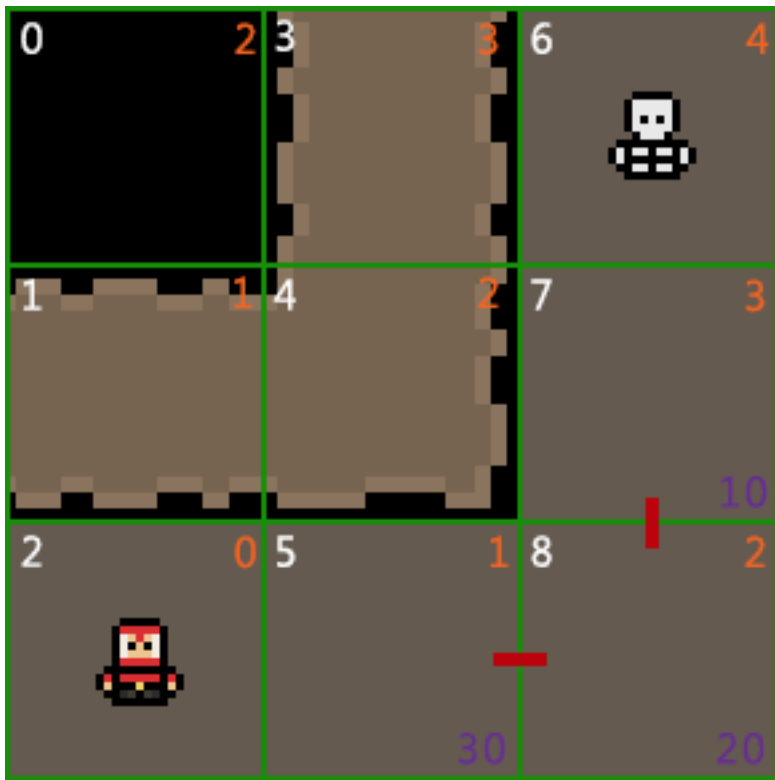












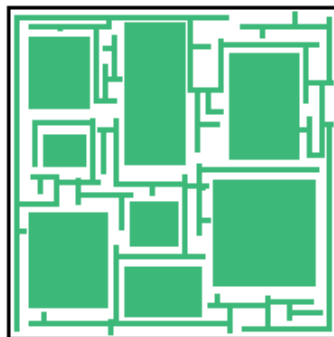




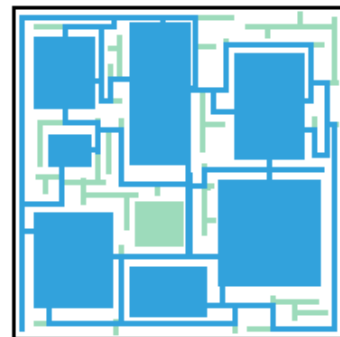
## Chapter 9



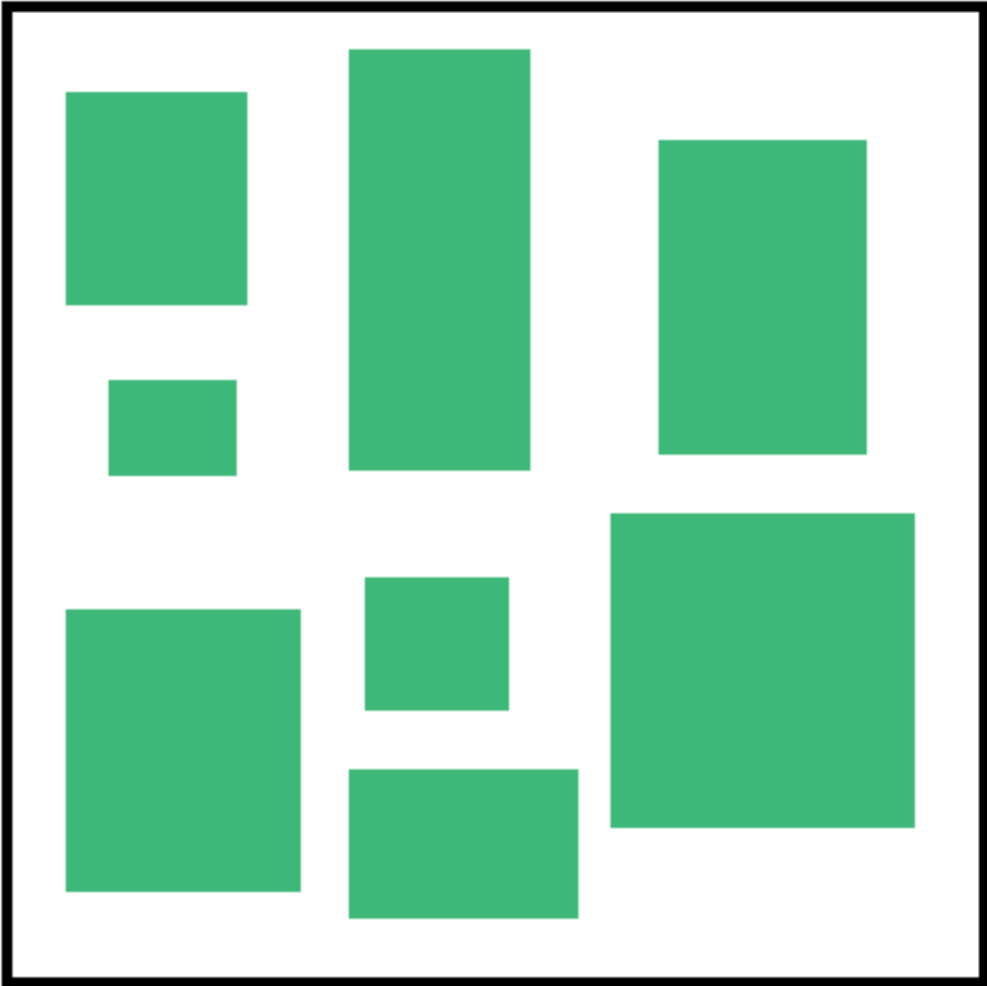
Generate Rooms

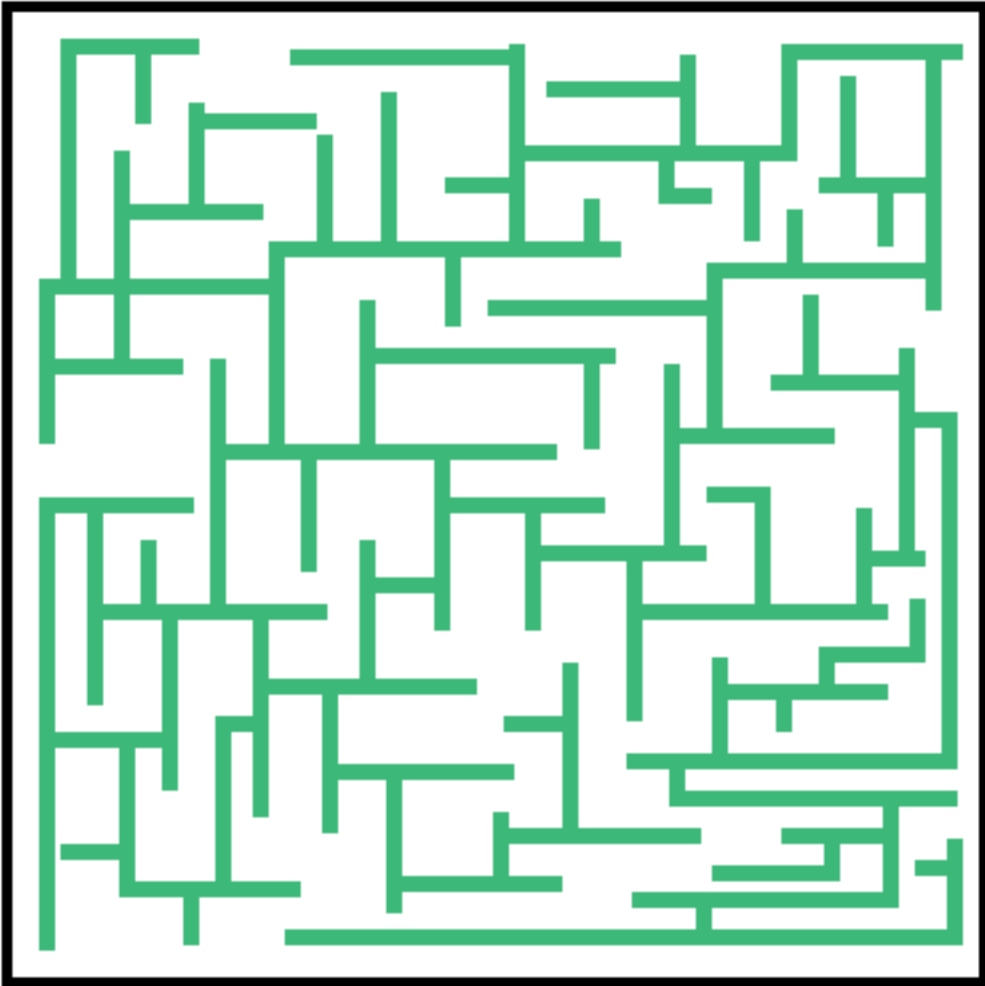


Generate maze

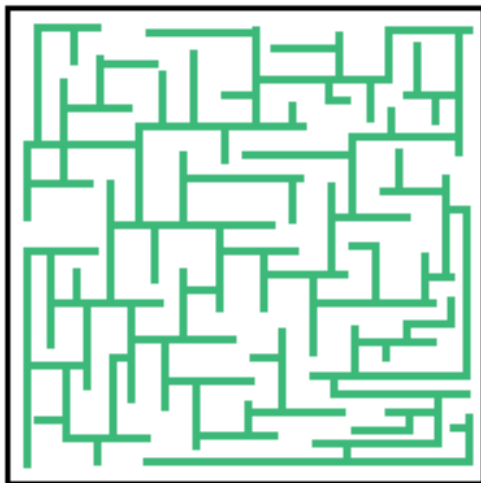
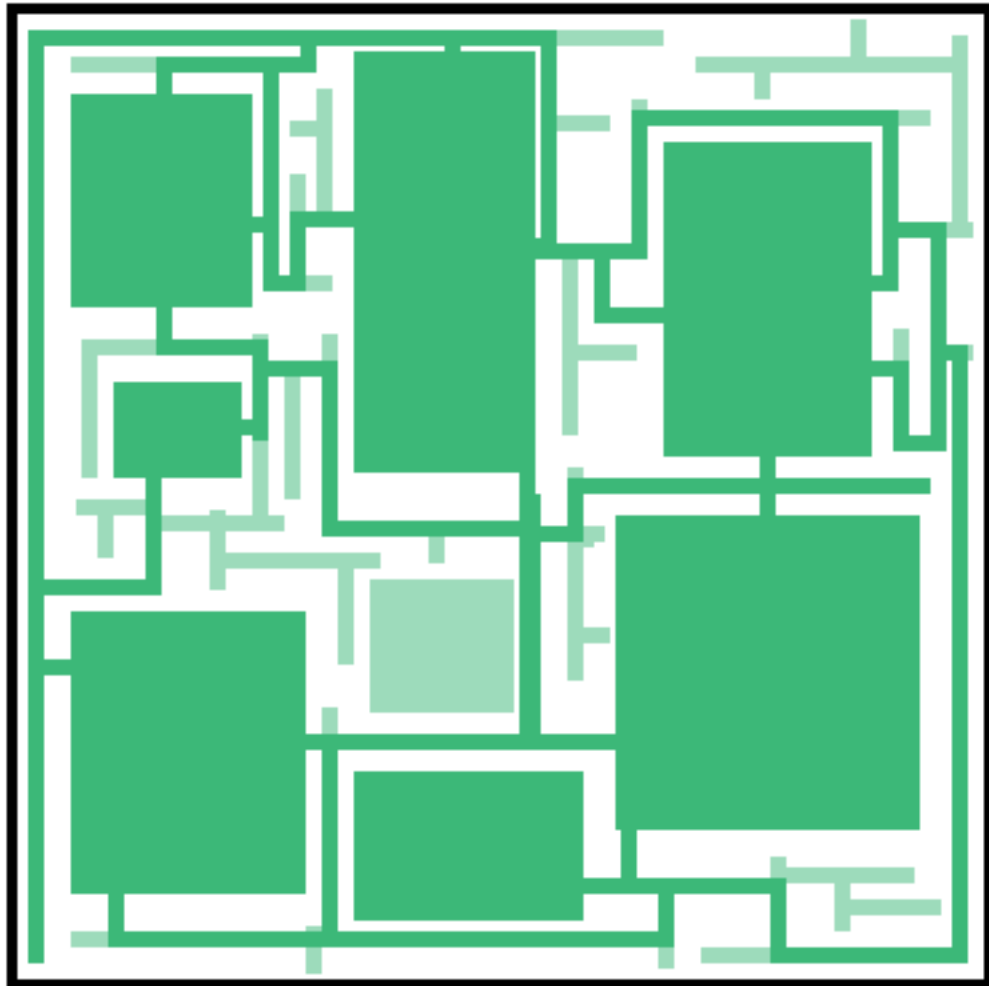


Join together

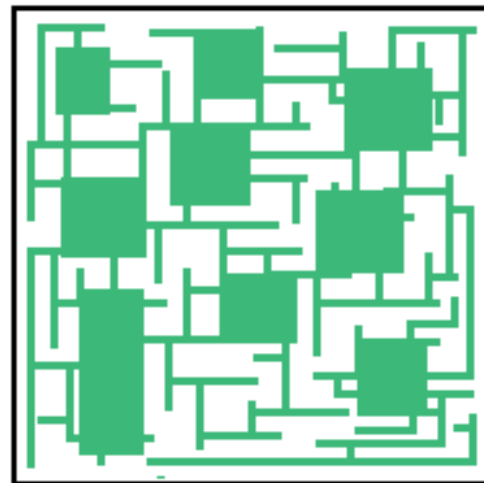






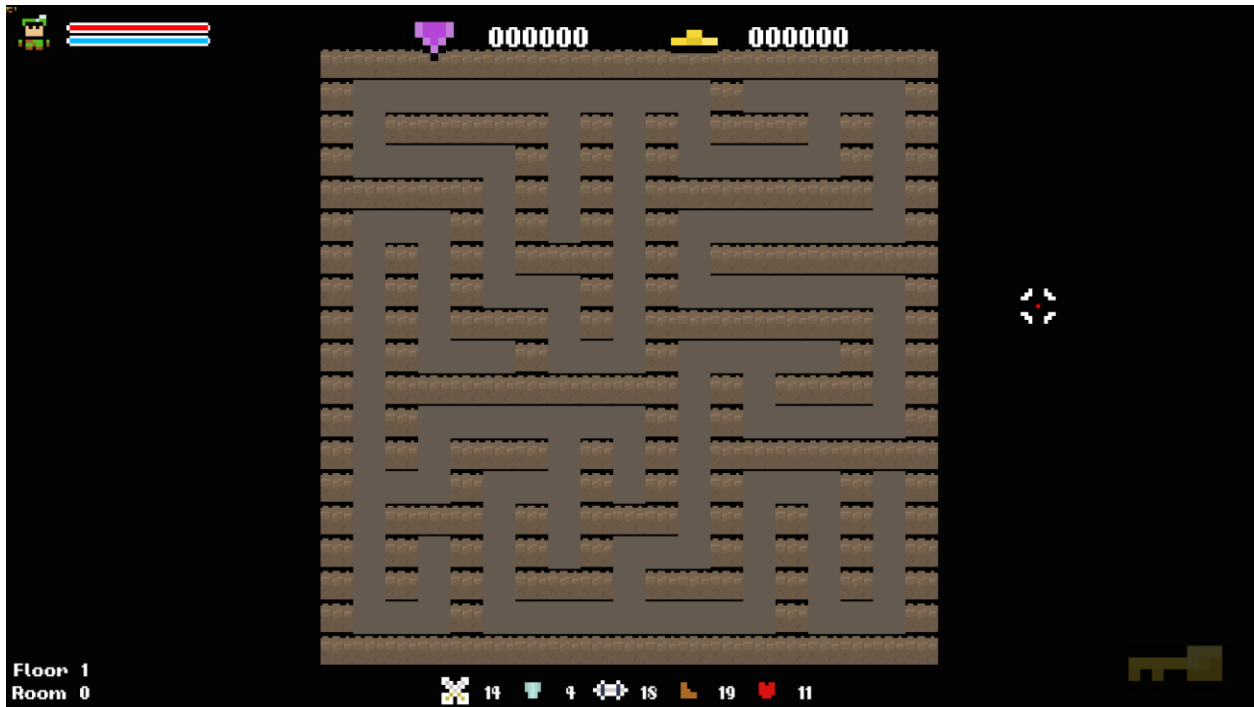
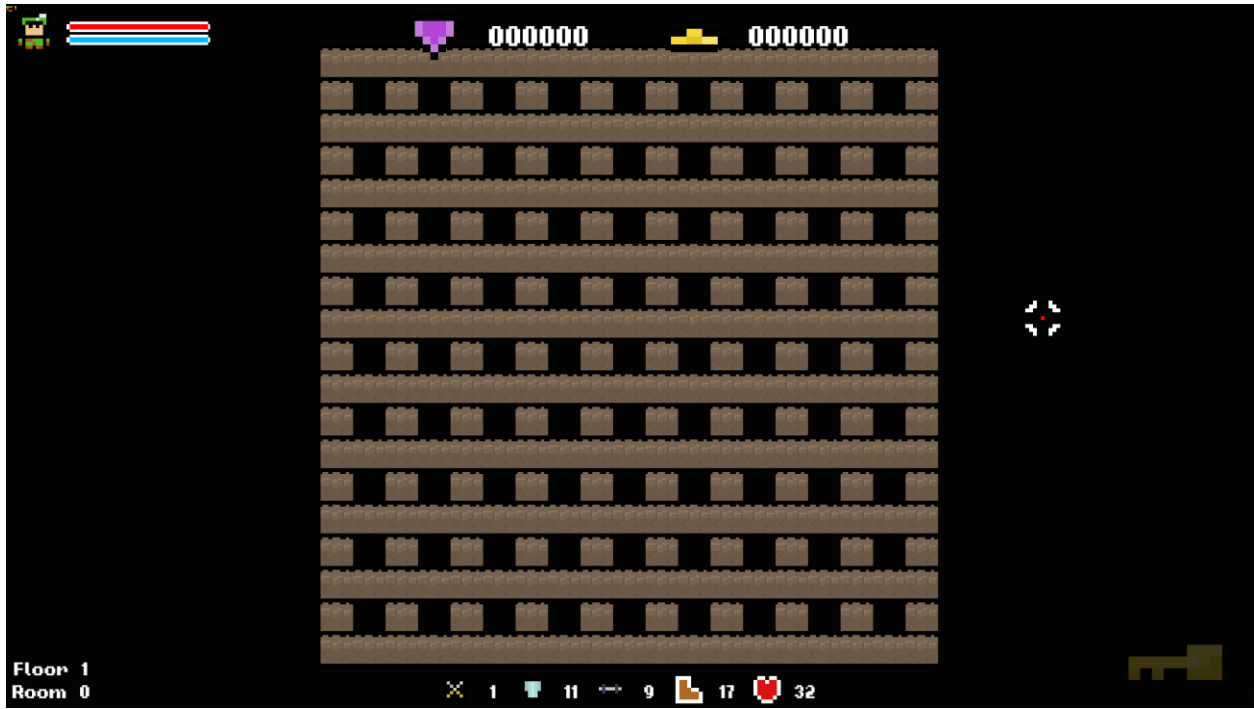


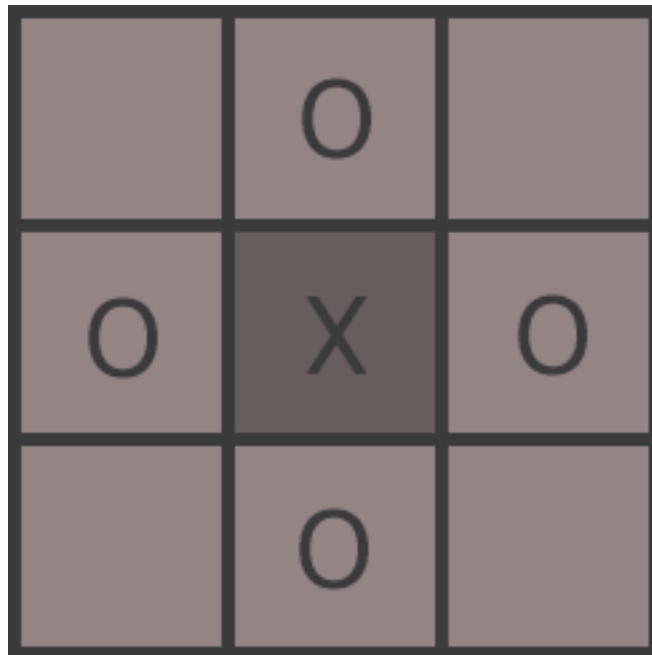
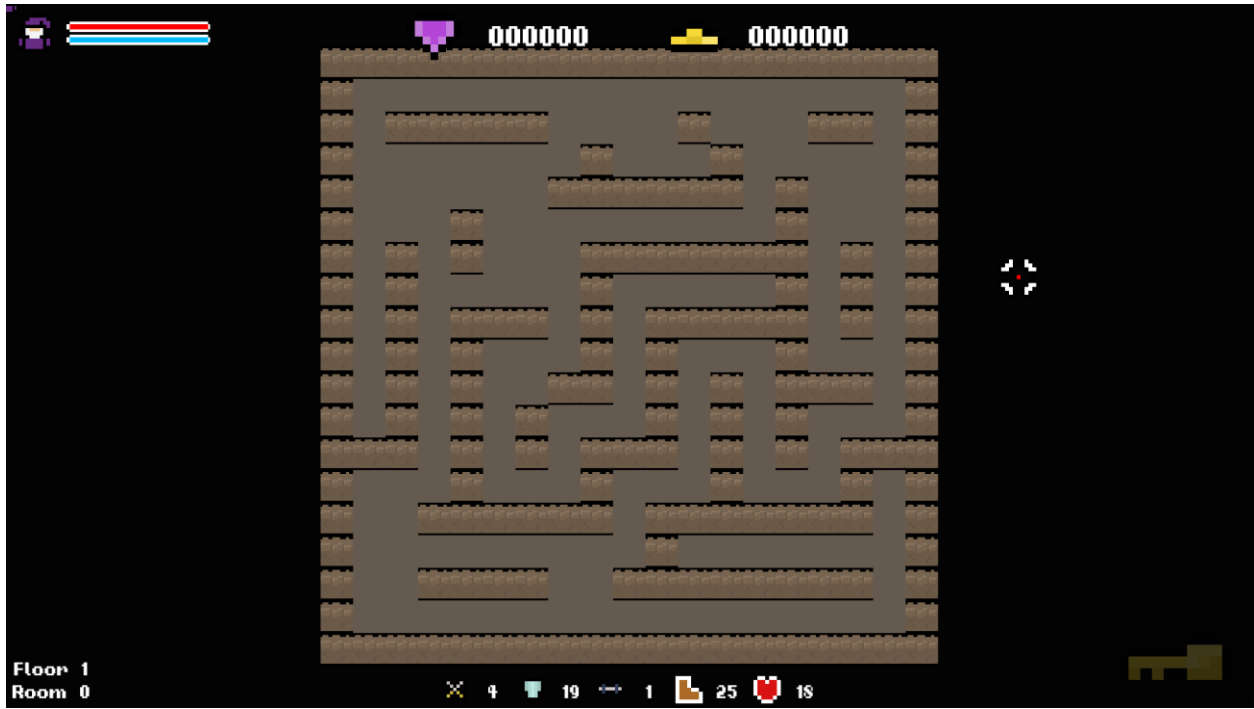
Generate maze



Generate Rooms







	1	
0	X	0
	0	

0001 = 1

	0	
0	X	1
	0	

0010 = 2

	0	
0	X	0
	1	

0100 = 4

	0	
1	X	0
	0	

1000 = 8

	1	
8	X	2
	4	

	1	
8	X	2
	4	





## Chapter 10

