

Main.py

turtle is a module ← a bunch of code in some file.py

```
1 from turtle import *
2
3
4 def right():
5     print('Oliver, you are always right!')
6
7
8 def shapeA():
9     forward(100)
10    forward(100)
11    forward(100)
12
13
14 def shapeB():
15     forward(50)
16     forward(50)
17     forward(50)
18
19
20 shapeA()
21
22 exitonclick()
```

not "top-level code"

un-indented function call = top-level code

Symbol lookup table:

"phone book" to tell Python which functions we can use/call and where comments in a function are located.

Run Code:

python3 Main.py

Python builds Symbol look up table → working top to bottom

Main.py

Function name

Right

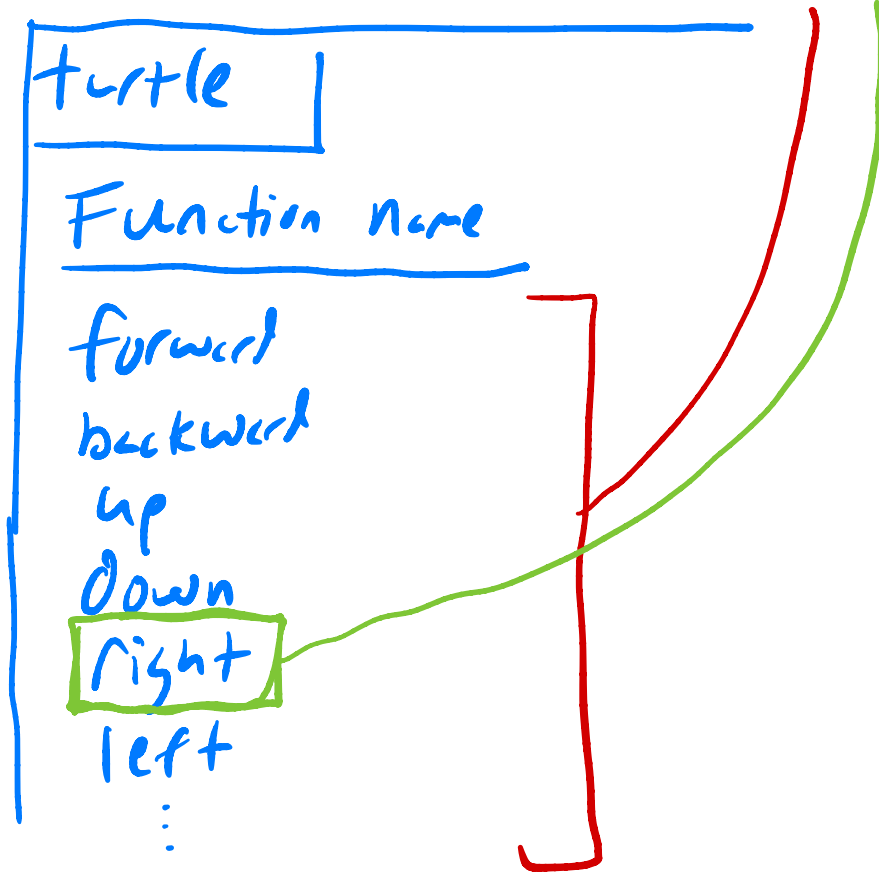
Shape A

Shape B

forward

← Can run this function b/c it is in Symbol table

Conflict!!



from turtle import * ← means dump all
entries in turtle
Symbol table to
Main Symbol table