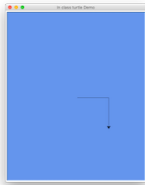


## The turtle Module

### 1. First Look at Python turtle

#### a. 01-11-turtleDemo-1-Basic.py



#### b. 01-12-turtleDemo-2-House.py

- i. Two variables referencing the same Turtle object
- ii. Did this with int,  $x = 4$ ,  $y = 4$
- iii. More interesting now  $\rightarrow$  turtles are **mutable**

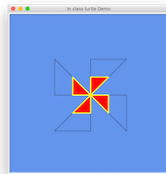


cuff

link

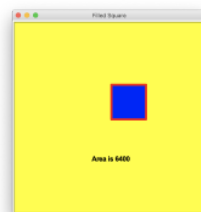
Turtle object  
color: 'yellow'  
Other attributes

#### c. 01-13-turtleDemo-3-PDF-handout.py



#### d. 01-14-turtleDemo-4-Filled-Square-With-IO.py

- i. Reads user input with Turtle
- ii. Use 80 for side length



#### e. Colors: <https://www.tcl.tk/man/tcl8.4/TkCmd/colors.htm>