

CS21: INTRODUCTION TO COMPUTER SCIENCE

Prof. Mathieson

Fall 2017

Swarthmore College

Outline Oct 6:

- Quiz 2
- Text Objects
- Go over moving box program (**box.py**)
- Go over falling snow program (**snow.py**)
- Hand back Lab 3

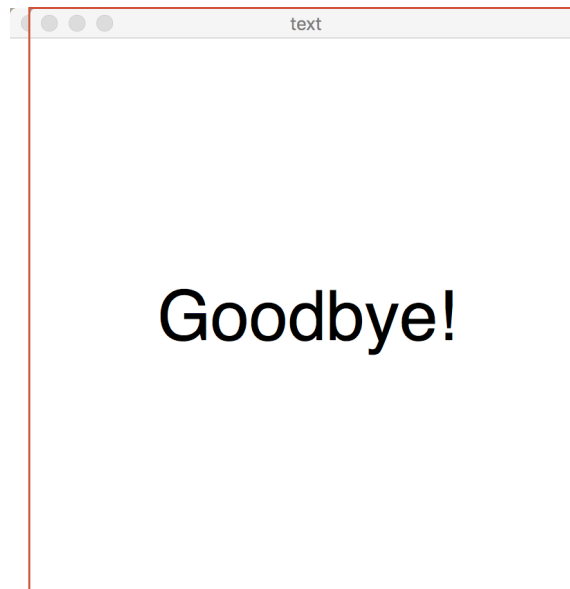
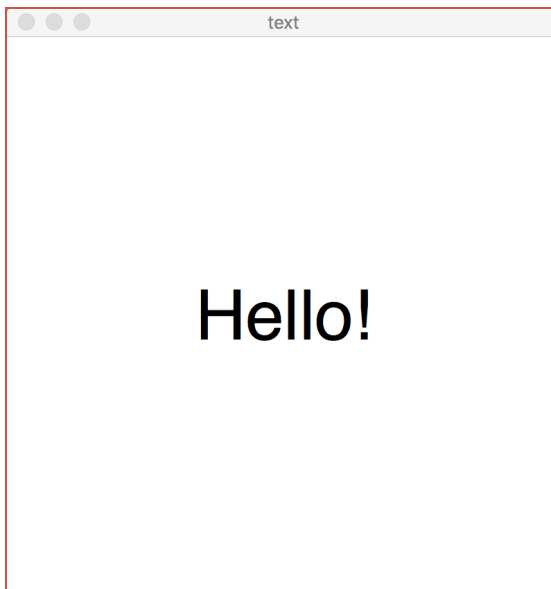
Notes

- **Lab 4** due **Saturday** night
- **Office Hours 3-5pm today (or by appointment)**

Text Objects

Example of creating a text object

```
>>> from graphics import *
>>> win = GraphWin("text", 400, 400)
>>>
>>> message = Text(Point(200,200),"Hello!")
>>> message.draw(win)
Text(Point(200.0, 200.0), 'Hello!')
>>> message.setSize(26)
>>> message.setSize(34)
>>> message.setSize(50)
>>> message.setText("Goodbye!")
```



Lab 3

Lab 3: common issues

- Off by 1 when using range(..)
- Duplicated code inside if/elif/else that should be after
- Unnecessary code (often if/elif/else) inside for loop that should be done before
- Missing headers (should have description, name, date)
- Lack of comments
- == vs. = causing errors in testing
- Time spent on lab