CS21: INTRODUCTION TO COMPUTER SCIENCE

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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

```python
>>> 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