

Core

Deadline: Sunday of Week 1

Difficulty Level: Basic

Est. Time: 1 - 2 hrs

Assignment: For Loops: Basic I

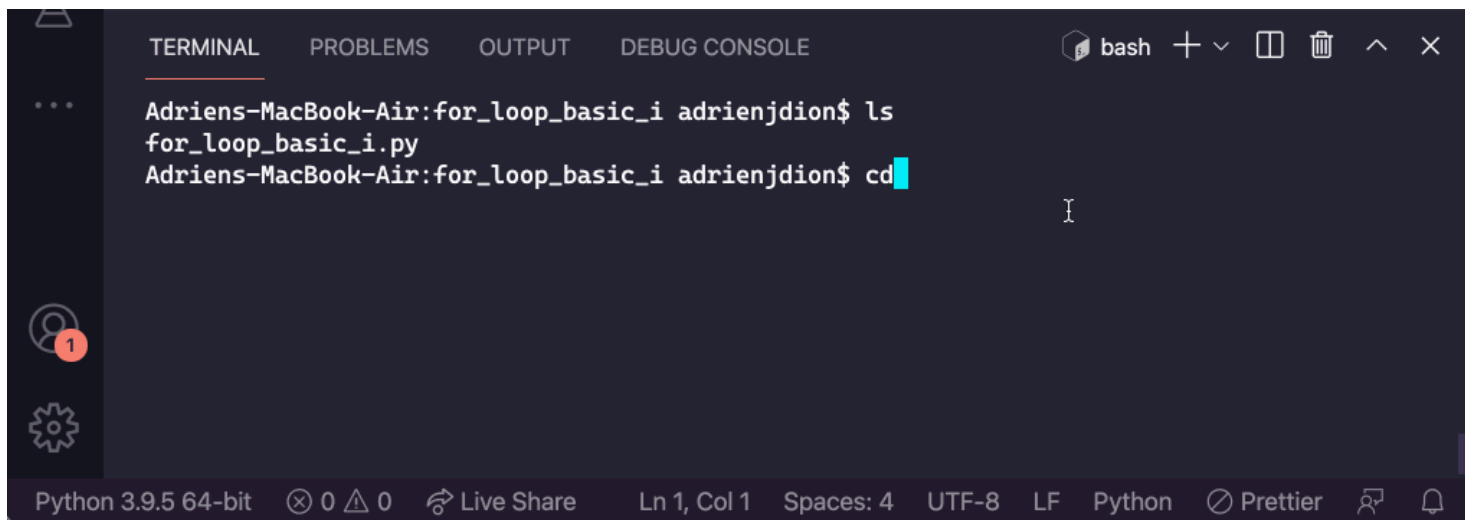
Welcome to your first Core assignment of Python! Some students like to explore the assignments before they're finished reading through the lessons, and that's okay! It can be good for your brain to have a preview of what your future challenges might be. However, before you begin this assignment, it's important that you've first:

- Completed the preceding lesson modules
- Taken the knowledge checks to confirm your understanding
- Viewed lecture material related to the assignment topics
- Completed and submitted your practice assignments

Now, for the Core Assignment:

Create a Python file called `for_loop_basic1.py` that performs the following tasks.

1. **Basic** - Print all integers from 0 to 150.
2. **Multiples of Five** - Print all the multiples of 5 from 5 to 1,000
3. **Counting, the Dojo Way** - Print integers 1 to 100. If divisible by 5, print "Coding" instead. If divisible by 10, print "Coding Dojo".
4. **Whoa. That Sucker's Huge** - Add odd integers from 0 to 500,000 and print the final sum.
5. **Countdown by Fours** - Print positive numbers starting at 2018, counting down by fours.
6. **Flexible Counter** - Set three variables: `low_num` , `high_num` , `mult` . Starting at `low_num` and going through `high_num` , print only the integers that are a multiple of `mult` . For example, if `low_num` is 2, `high_num` is 9, and `mult` is 3, the loop should print 3, 6, 9 (on successive lines)



```
Adriens-MacBook-Air:for_loop_basic_i adrienjdion$ ls
for_loop_basic_i.py
Adriens-MacBook-Air:for_loop_basic_i adrienjdion$ cd
```

- ☐ Create a Python file
- ☐ Basics
- ☐ Multiples of Five
- ☐ Counting, the Dojo Way
- ☐ Whoa. That Sucker's Huge
- ☐ Countdown by Fours
- ☐ Flexible Counter