



Reading Loops

Overview

One of the key tools we can use to learn how to write better code is learning how to **read code**. If you can successfully predict what a piece of code will output, then you have intuitively mastered that concept, even if you haven't studied it deeply. When your predictions are **incorrect**, these situations represent opportunities for deepening your learning. This prediction process results in a **custom learning path** tailored to your specific learning needs.

Video Introduction

Day 3: For Loops <https://youtu.be/rPjR6l2ycaM>

Instructions

Try to predict the output for the code below **without** running the code.

```
1 # What does this program output?
2
3 for hi in range(5):
4     print(hi)
5
6 print("-"*10)
7
8 for lo in range(7, -7, -3):
9     print(lo)
10
11 print("-"*10)
12
13 phrase = "Monty Python"
14 for letter in phrase:
15     print(letter, end="-")
16 print()
17
18 print("END")
```

Video Solution

Day 3: Reading For Loops Walk Thru https://youtu.be/Fcrk9_37kUQ

Reflection: Was your guessed output correct? Why or why not?
How does this knowledge inform your learning practice moving forward?