

Introduction to Python (Fall 2024)

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Class 2 Homework Exercises

1. What does this program print?

```
pressure = 71.9
if pressure > 50.0:
    pressure = 25.0
elif pressure <= 50.0:
    pressure = 0.0
print(pressure)
```

2. Given a list of cities = ["New York", "London", "Paris", "Tokyo", "Shanghai"], write a for loop to print the number of characters in each city's name.

3. Given a list of cities = ["New York", "London", "Paris", "Tokyo", "Shanghai"], and a sublist travel = ["Tokyo", "Shanghai"], write a loop to count how elements in cities is also in travel (Hint: you will first have to create a variable to store a number)
4. Write the code to ask what programming languages you do not know, and if the answer is Python, prints "Not anymore!"