

Labs: Submit in word & github

Lab1: Using format() Method

Problem: Define three variables in your program:

1.first_name: A string containing your first name.

2.age: An integer representing your age.

3.favorite_color: A string representing your favorite color.

Then, using the format() method, display a sentence in the following format:

Hello, my name is {first_name}. I am {age} years old, and my favorite color is {color}.

Lab2: Using f-string

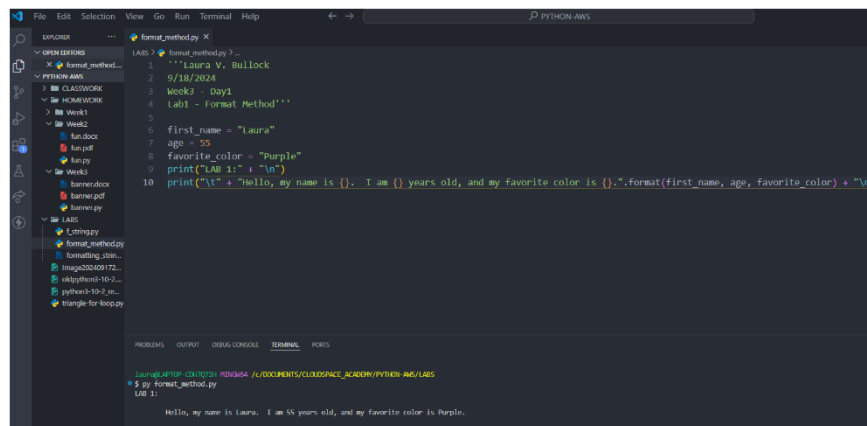
Problem: Define two variables in your program:

1.city: A string containing the name of a city.

2.temperature: A floating-point number representing the current temperature in Celsius.

Then, using **f-strings**, display the sentence in the following format:

The current temperature in {city} is {temperature}°C.



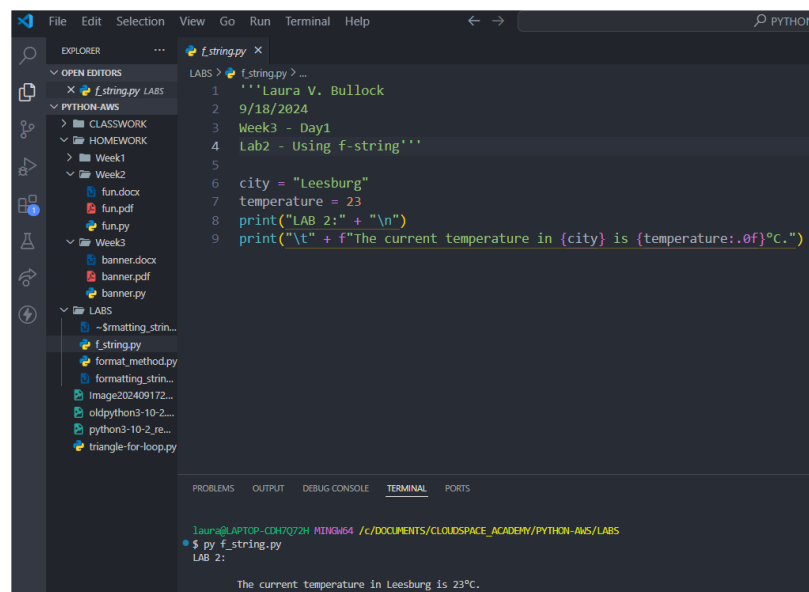
The screenshot shows a Python IDE with a file explorer on the left and a terminal at the bottom. The file explorer shows a project named 'LABS' with files like 'format_method.py'. The main editor shows the code for Lab 1:

```
1 first_name = "Laura V. Bullock"
2 age = 55
3 favorite_color = "Purple"
4 print("LAB 1:" + "\n")
5
6 print("\t" + "Hello, my name is {}. I am {} years old, and my favorite color is {}".format(first_name, age, favorite_color) + "\n")
```

 The terminal shows the output:

```
LAB 1:
Hello, my name is Laura. I am 55 years old, and my favorite color is Purple.
```

Lab 1 - format() method



The screenshot shows a Python IDE with a file explorer on the left and a terminal at the bottom. The file explorer shows a project named 'LABS' with files like 'f_string.py'. The main editor shows the code for Lab 2:

```
1 city = "Leesburg"
2 temperature = 23
3 print("LAB 2:" + "\n")
4 print("\t" + f"The current temperature in {city} is {temperature:.0f}°C.")
```

 The terminal shows the output:

```
LAB 2:
The current temperature in Leesburg is 23°C.
```

Lab 2 - f-string