Michael Bullock
Python on AWS

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

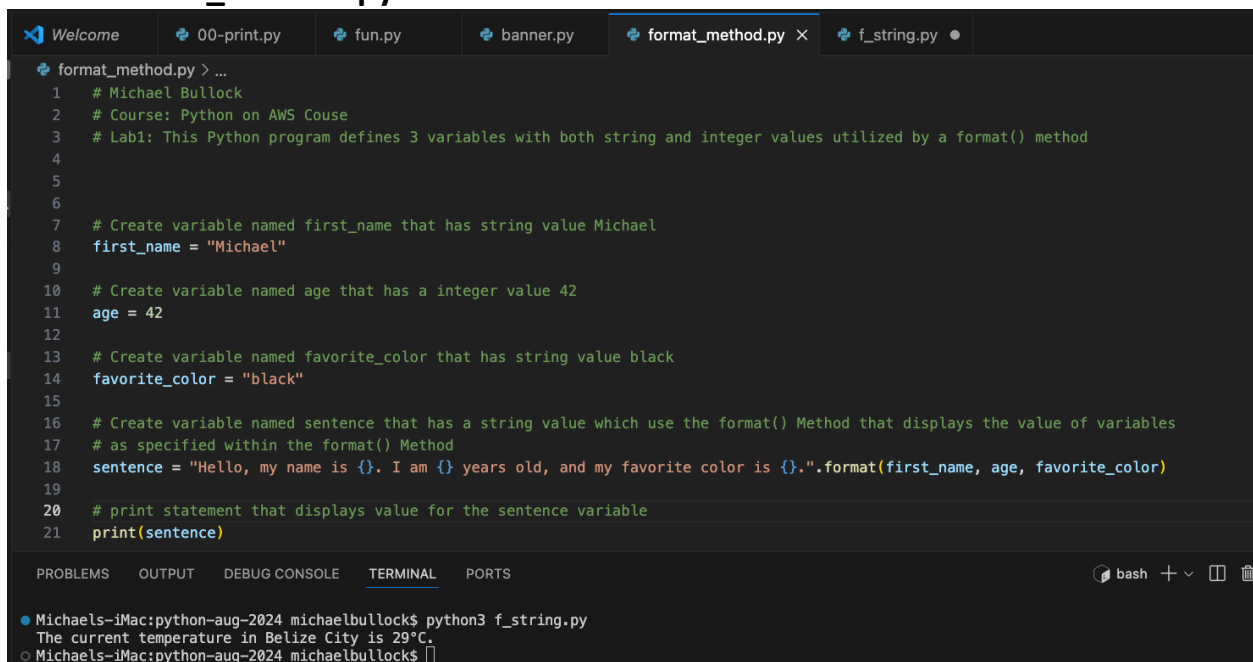**Problem:** Define two variables in your program:
1.**city:** A string containing the name of a city.
2.**temperature:** A floating-point number representing the current temperature in Celsius.
Then, using **f-strings**, display the sentence in the following format:

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

Lab1: format_method.py

```
Welcome    00-print.py    fun.py    banner.py    format_method.py ×    f_string.py

format_method.py > ...
 1   # Michael Bullock
 2   # Course: Python on AWS Couse
 3   # Lab1: This Python program defines 3 variables with both string and integer values utilized by a format() method
 4
 5
 6
 7   # Create variable named first_name that has string value Michael
 8   first_name = "Michael"
 9
10   # Create variable named age that has a integer value 42
11   age = 42
12
13   # Create variable named favorite_color that has string value black
14   favorite_color = "black"
15
16   # Create variable named sentence that has a string value which use the format() Method that displays the value of variables
17   # as specified within the format() Method
18   sentence = "Hello, my name is {}. I am {} years old, and my favorite color is {}.".format(first_name, age, favorite_color)
19
20   # print statement that displays value for the sentence variable
21   print(sentence)

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS                                           bash

Michaels-iMac:python-aug-2024 michaelbullock$ python3 f_string.py
The current temperature in Belize City is 29°C.
Michaels-iMac:python-aug-2024 michaelbullock$
```

Lab2: f_string.py

```
Welcome    00-print.py    fun.py    banner.py    format_method.py    f_string.py ●
```

```
f_string.py > ...
 1   # Michael Bullock
 2   # Course: Python on AWS Couse
 3   # Lab2: This Python program defines 2 variables with both string and integer values formated using f-string
 4
 5
 6   # Create variable named city with a string value
 7   city = "Belize City"
 8
 9   # Create variable name temperature with the interger value 29
10   temperature = 29
11
12   # Create variable formated string which has a string value that uses formating used by f-string to display specified variables
13   formated_string = f"The current temperature in {city} is {temperature:.0f}°C."
14
15   # print statement that displays value for the formated_string variable
16   print(formated_string)
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS                                    bash  + ⌄  ▯

● Michaels-iMac:python-aug-2024 michaelbullock$ python3 f_string.py
  The current temperature in Belize City is 29°C.
○ Michaels-iMac:python-aug-2024 michaelbullock$ ▯
```