EXERCISE 1.3: FUNCTIONS AND OTHER OPERATIONS IN PYTHON

1. In this Exercise, you learned how to use if-elif-else statements to run different tasks based on conditions that you define. Now practice that skill by writing a script for a simple travel app using an if-elif-else statement for the following situation:

- *The script should ask the user where they want to travel.*
- *The user's input should be checked for 3 different travel destinations that you define.*
- *If the user's input is one of those 3 destinations, the following statement should be printed: "Enjoy your stay in _____!"*
- *If the user's input is something other than the defined destinations, the following statement should be printed: "Oops, that destination is not currently available."*

```
destination = input("Where do you want to go? ")
if destination == "Portugal" or destination == "Irland" or destination == "France":
    print("Enjoy your stay in " + destination)
else:
    print("Oops, that destination is not currently available.")
```

2. Imagine you're at a job interview for a Python developer role. The interviewer says "Explain logical operators in Python". Draft how you would respond.

In Python, there're three logical operators: **and**, **or**, and **not**. The **and** operator returns **True** if both conditions are true, the **or** operator returns **True** if at least one condition is true, and the **not** operator returns the opposite of the condition. These

operators are commonly used in conditional statements to form more complex conditions.

3. What are functions in Python? When and why are they useful?

Functions are a set of instructions that process or manipulate the code in order to achieve certain things. You can create functions that performs a certain task and after, call the function whenever you need it. It saves time and keeps code cleaner.

4. In the section for Exercise 1 in this Learning Journal, you were asked in question 3 to set some goals for yourself while you complete this course. In preparation for your next mentor call, make some notes on how you've progressed towards your goals so far.

I like these tasks and get to know more about Python step by step. I've started to understand this language and its capabilities. Feel good to work more with the terminal.