Exercise 1.4

Reflection Questions

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."

Write your script here. *(Hint: remember what you learned about indents!)*

```
destinations = ["new york", "paris", "london"]

def validateTravel():
    userInput = str(input("Where would you like to go?"))

    if userInput.lower() in destinations:
        print("Enjoy your stay in:" + userInput)
    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.

Logical operators are used to combine conditions or logic together.

"and": for if both conditions are true
"or": if either condition is true
"not" to reverse the logic of a statement

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

Functions are useful in Python (and every language) because they allow you to encapsulate longer, more complex blocks of logic into smaller, more reusable "functions". Functions can have parameters, such that details of an instance of a function can be changed depending on what inputs the programmer has exposed via arguments that the function can consume.

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.

So far I have learned many of the important native syntax and data types in Python. I still have a long way to go before I could create complex procedures, but now I have a very basic understanding.

As the scripts that we have been making so far have just been run locally, I still haven't had any experience with async functions/API calls yet, so I am excited to get there!