### 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.”

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

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| travel\_dest = input(‘Where would you like to travel? Choose from Hawaii, Paris and Rome‘)  if travel\_dest == ‘Hawaii’ or ‘Paris’ or ‘Rome:  print(‘Enjoy your stay in ’ + travel\_dest + ‘!’)  else:  print(‘Oops, that destination is not currently available.’) |
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1. 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 in Python are AND, OR and NOT. AND compares two statements and returns True if both of statements are true. While OR returns True if either of statement is true. NOT reverse the result, returns False if the result is true.

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

Functions are set of instructions that process the code in order to achieve certain tasks. In Python, you can create your own functions that you can call from anywhere in the script. They avoid you to write code repeatedly that can lead to cleaner and more organized code.

1. 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 now have the basic knowledge about Python and I can set up for Python project development including creating and working on different virtual environments
* I know how to use ipython in addition to the default Python shell
* I learned different data types in Python, how to work with each of them as well as how to define and use variables which in Python, reference objects stored in memory
* I learned Python’s core operations such as comparison operators, logic operators, conditionals(if-else statements), loops and functions.