

## 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!*)

```
vacation = input("Where do you want to travel? ")

if vacation == "Japan" or "Norway" or "Italy":

    print ("Enjoy your stay in " + vacation)

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.

There are three logical operators in Python: "and", "if", and "not". "And" compares two statements and returns "true" if both statements are true. "Or" compares two statements and returns "true" if one statement is true. "Not" reverses a statement and returns "false" if one of the statements is true.

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

Functions are statements that perform a specific task. They are useful because they can break larger sections into smaller, more organized and more manageable chunks of code.

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 toward your goals so far.

I learnt how to perform various tasks in Python, and started to understand the language and its capabilities. Finally, feeling confident with the terminal.