

Exercise 1.3: Functions and Other Operations in Python

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!)*

```
print("Welcome to the Travel Destination Checker!")
destination = input("Where would you like to travel? ")
if destination.lower() == "hong kong":
    print("Enjoy your stay in Hong Kong!")
elif destination.lower() == "japan":
    print("Enjoy your stay in Japan!")
elif destination.lower() == "taiwan":
    print("Enjoy your stay in Taiwan!")
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 in Python are used to combine or manipulate boolean values. The main ones are 'and', 'or', and 'not'. They're a handful for creating complex conditions in if statements or while loops. I might use them to check if a user's input meets multiple criteria

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

Functions in Python are like reusable blocks of code. They're great for when I need to finish a task multiple times. Instead of writing the same code over and over, I can just call the function. They also help make my code more organized and easier to read. I find them especially useful for breaking down complex problems into smaller pieces.

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 feel more comfortable with the structure and concept of Python since I work with this language more often recently. As some personal issues are going on and relocating, I tried to finish as many of these exercises as I could. Hopefully, I can create something exciting in these achievements.