

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!)*

```
destination = input("Where would you like to travel?")

if destination == "Florida":
    print("Enjoy your stay in Florida!")
elif destination == "California":
    print("Enjoy your stay in Florida!")
elif destination == "New York City":
    print("Enjoy your stay in New York City!")
else:
    print("Oops, that destination is currently unavailable.")
```

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 evaluate expressions that result in a Boolean value. The "and" operator returns True if both expressions are True, otherwise it will return False. The "or" operator will return True if either of the expressions on either side of the operator are True, otherwise it will return False. The "not" operator only operates on one expression and will return the opposite Boolean value of the expression.

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

Functions are a self-contained block of code that can perform a task or a set of tasks that can be reused in a program. Functions are useful because they can reduce code duplication and improve readability, which makes code easier to maintain.

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 think as the achievement progresses I have been and will continue to learn more advanced functions in Python, and become more comfortable talking about Python especially in an interview setting, which I recently learned in a JavaScript interview how important it is to be able to explain what you are doing vs just doing it.