Reflection Questions Exercise 1.3

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."*

Script:

```
travel_wish = input("Enter desired travel destination (capitalized): ")

if travel_wish == "Mexico":
      print("Enjoy your stay in Mexico!")
elif travel_wish == "Russia":
      print("Enjoy your stay in Russia!")
elif travel_wish == "Thailand":
      print("Enjoy your stay in Thailand")
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 check multiple conditions at the same time. The three operators are "and", "or" "not."
   - *and:* will return True if both conditions on either side of it return as True
   - *or:* will return True if at least one of the conditions on either side of it returns as True
   - *not:* used to invert the result of a logical operation that follows it
3. **What are functions in Python? When and why are they useful?**
   Functions are instructions that manipulate code in certain ways. There are pre-made functions that are included when Python is installed and there are also custom-built ones created by the developer. Both are useful as re-usable bits of code and can be used to perform repeatable actions. This saves time and effort for the developer, cutting down on the need to re-type lots of code, which in turn helps bring down the number of typos present.

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 completed this course. In preparation for your next mentor call, make some notes on how you've progressed towards your goals so far.**
   I'm only three exercises in, so to be honest, it's a bit hard to judge my progress so far. I can say for sure I'm enjoying learning a new programming language from the ground up. Having a base in JavaScript certainly helps. In some ways, it's even a good refresher on some basic concepts like functions and operators. While the syntax is a bit different in Python, the basic principles are the same, and it's nice to get a review of them. I find that helps solidify the foundational skills necessary to succeed in either programming language.