LAB NUMBER: 3

Task: Use conditional statements to automate the decision-making process.

What will the application do?
- The application prompts the user to enter an integer between 1 and 100.
- Display the associated result based on the integer range entered.

Build Specifications

- Use if/else statements to take different actions depending on user input.
- Given an integer entered by a user, perform the following conditional actions:
  - If the integer entered is odd, print the **number entered and "Odd."**
  - If the integer entered is even and in the inclusive range of 2 to 25, print **"Even and less than 25."**
  - If the integer entered is even and in the inclusive range of 26 to 60, print **"Even."**
  - If the integer entered is even and greater than 60, print the **number entered and "Even."**
  - If the integer entered is odd and greater than 60, print the **number entered and "Odd and over 60."**

Hints:
- ZyBook Chapters 2 and 3.

Extra Challenges:
- Include a set of parameters so that the program ends officially.
- Ask for user information (ex. name) at the beginning of the application, and use it to refer to the user throughout the application.
- Add validation to guarantee that a user enters a positive integer between 1 and 100.

LAB NUMBER: 3

Console Preview:

Enter a number between 1 and 100: {user input here, for example: 3}

Output: {output here, 3 and Odd }

Continue? (y/n): {user input here, for example: Y}

Enter a number between 1 and 100: {user input here, for example: 24}

Output: {output here, Even and less than 25 }

Continue? (y/n): {user input here, for example: Y}

Enter a number between 1 and 100: {user input here, for example: 75}

Output: {output here, Odd and over 60}

Continue? (y/n): {user input here, for example: N}

Bye!