**CITS python Lession 1 Practice Questions**

**Question 1: Temperature Converter with User Interaction**

**Task**:  
Write a Python program that:

1. Asks the user to input a temperature in Celsius (using input()).
2. Converts it to Fahrenheit using the formula: F = (C \* 9/5) + 32.
3. Uses a **conditional** to print:
   * "Hot!" if Fahrenheit > 90.
   * "Cool!" if Fahrenheit < 50.
   * "Moderate!" otherwise.

**Question 2: Odd/Even Counter with Loops**

**Task**:  
Write a function count\_odd\_even(numbers) that:

1. Takes a list of integers as input.
2. Counts how many numbers are **odd** and **even** using a loop.
3. Returns a dictionary like {"odd": 3, "even": 2}.

**Question 3: Password Validator**

**Task**:  
Create a program that:

1. Asks the user to enter a password (using input()).
2. Checks if the password:
   * Has at least 8 characters.
   * Contains at least one uppercase letter.
   * Has at least one digit.
3. Prints "Valid Password!" or "Invalid Password!" with a reason (e.g., "Too short").