WEEK 2 - ASSIGNMENT 1 FUNCTION BASICS

NOTE:

- **No need to submit anywhere, just keep track of all the PDF you made in a specific folder.**
- **Compare your solution with the solution I'll provide, in case of doubts, kindly reach out to me.**
- **You may get assignment solution in format of PDF or VIDEO solution, depending on the difficulty level.**

Q1. Write a Python function to find the Maximum and minimum of three numbers. Use 3 parameters. Make 2 different functions named as **maxi** and **mini.**

Q2. Attempt the same leap year question **(Week 1 - Assignment 2 - Q8)** but using function. Try calling function with different years as a parameter and check the output.

Q3. Attempt the same bill calculator question **(Week 1 - Assignment 2 - Q5)** but using function. Try calling function with different bill amount as a parameter and check the output.

Q4. Attempt **Week 1 - Assignment 2 (Q6)** and **Week 1 - Assignment 2 (Q7)** using function.

Q5. Write a function named personal_greet that takes a name as a parameter and prints a greeting message with that name. For example, **personal_greet("Alice")** should print **"Hello, Alice!"**.

Q6. Write a function named is_even that takes a number as a parameter and prints "Even" if the number is even and "Odd" if the number is odd.

Q7. Write a function named celsius_to_fahrenheit that converts Celsius to Fahrenheit and prints the result. (Formula: (Celsius * 9/5) + 32 = Fahrenheit)

Q8. Create a function named simple_calculator that takes three parameters: two numbers and an operation (addition or subtraction represented by '+' or '-'), and prints the result of the operation.

Q9. Write a function named check_number that takes a number and prints whether it is positive, negative, or zero.

Q10. Write a function named is_odd_even that determines if a number is odd or even without using the modulo operator (%). Hint: Use division or subtraction.

Q11. Write a function named calculate_interest that takes the principal, rate of interest, and time as parameters and prints the simple interest calculated.