

## Assignment 1

**Note: Do Not use AI tool**

Age Calculator:

Ask the user for their birth year and the current year. Calculate and print their age.

Simple Interest:

Get the principal amount, rate of interest, and time from the user. Calculate and display the simple interest.

Area of a Rectangle:

Prompt the user for the length and width of a rectangle. Calculate and print its area.

Circle Properties

Write a program that calculates the area and circumference of a circle based on its radius (use  $\pi = 3.14159$ ).

Temperature Conversion:

Ask the user for a temperature in Celsius. Convert it to Fahrenheit and print the result.

(Formula:  $F = (C \times 9/5) + 32$ )

Average of Three Numbers:

Get three numbers as input from the user and calculate their average.