Problem Description: Compound Interest Calculator

Objective:

The goal of this problem is to write a Python function that converts a given temperature in degrees Fahrenheit to degrees Celsius. You will also write a script to read the input from the console and print the output.

Background:

The formula to convert Fahrenheit to Celsius is:

$$C = (5/9) * (F - 32)$$

where:

- C is the temperature in degrees Celsius.

- F is the temperature in degrees Fahrenheit.

Task:

Write a Python function that takes the temperature in degrees Fahrenheit as a parameter and returns the temperature in degrees Celsius.

Write a script to read the input from the console and print the output.

Input Format:

The following is the input format:

- F (float): The temperature in degrees Fahrenheit.

Output Format:

The following output should be printed on the console:

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- C (float): The temperature in degrees Celsius, rounded to 2 decimal places.

Sample Input:

Enter the temperature in degrees Fahrenheit: 98.6

Sample Output:

37.00

Explanation:

Given:

Temperature in degrees Fahrenheit (F): 98.6

Using the conversion formula:

C = (5/9) * (98.6 - 32)

C = (5/9) * 66.6

C = 37.00

So, the temperature in degrees Celsius is 37.00.