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CS 7

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Programming Assignment 2-2

1. Problem Definition

- a. The purpose of this program is to convert a celsius temperature to fahrenheit using the celsius to fahrenheit conversion formula. This is done through an input function that will ask the user for the temperature in celsius. Then, the program will use the formula to convert the inputted temperature to fahrenheit.

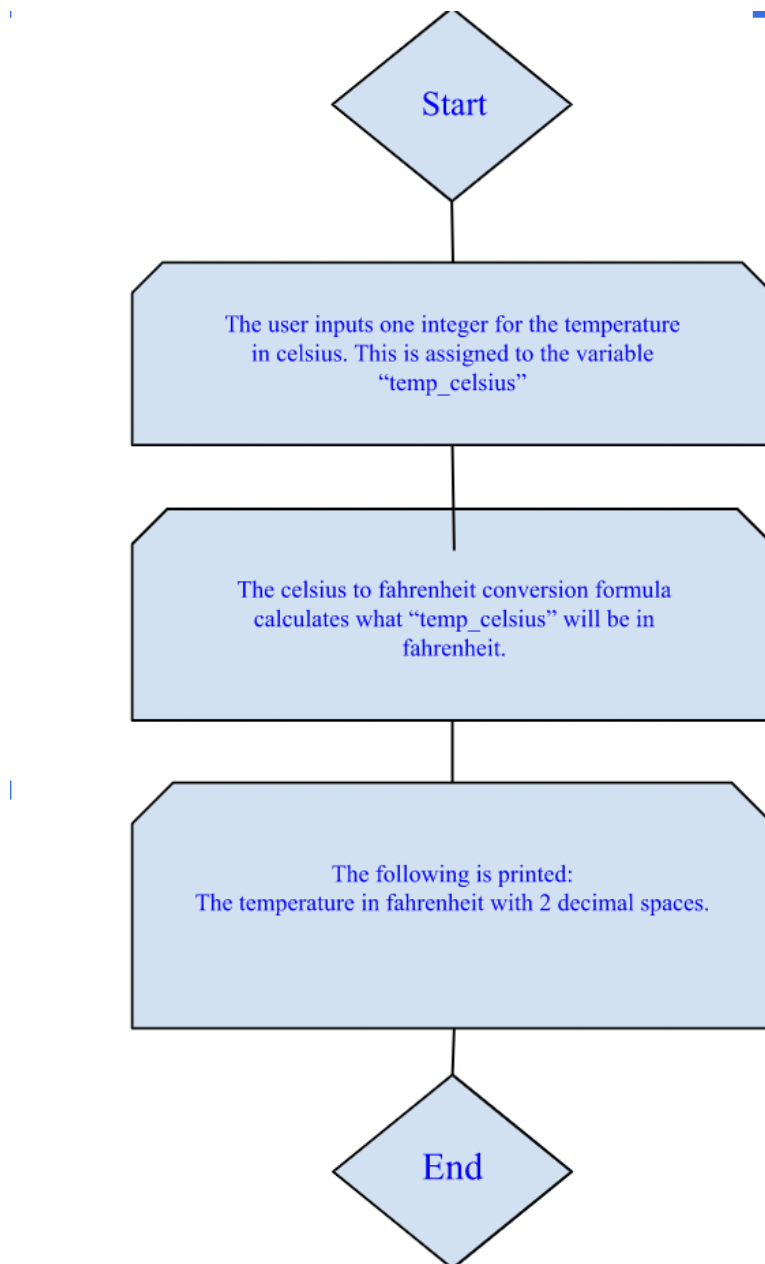
2. Input and Output

- a. Input: The temperature in Celsius
- b. Output: The temperature inputted in Fahrenheit

3. Variables

- a. **temp_celsius:** user input for the temperature in celsius (integer)
celsius_to_F: the formula for celsius to fahrenheit conversion which plugs in the temperature in celsius using the “tem_celsius” variable. (integer)

4. Flow Chart



5. Errors and Lessons

a. No errors experienced

b. Lessons:

- i. I learned how to format the output using the PEP-498; f-string format.
- ii. I also learned the precedence of Python operators and how to use formulas properly.