

Experiment 3.1.2

Aim : convert Celsius to fahrenheit

Algorithm:

Step 1: Start

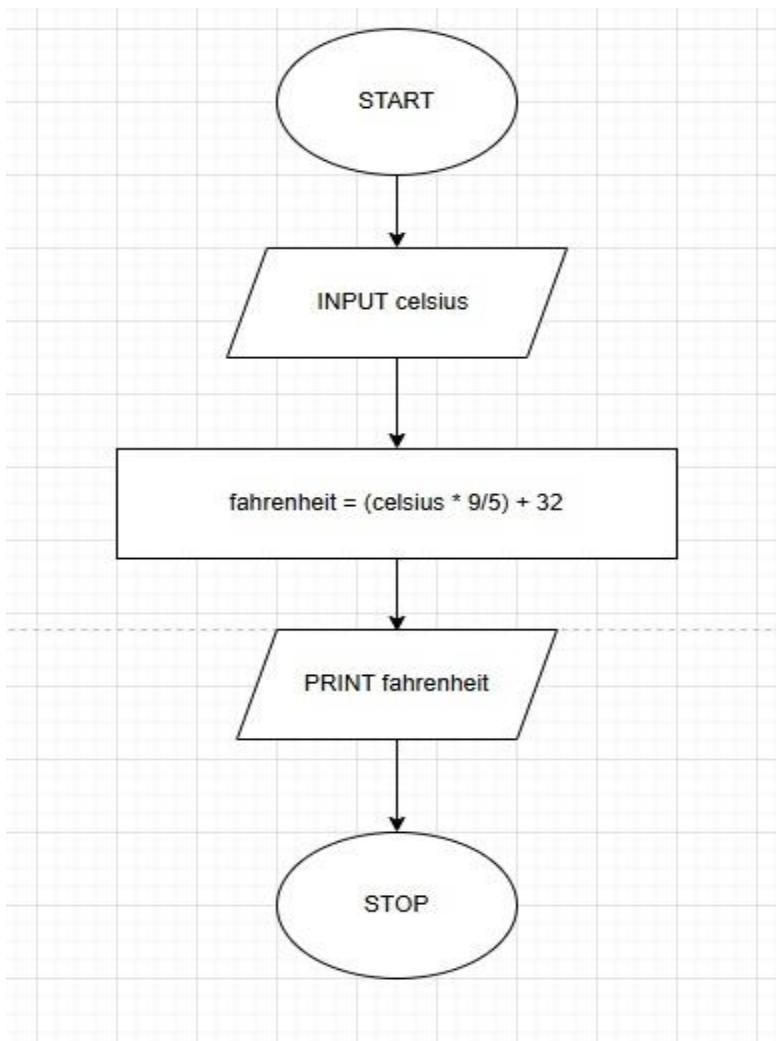
Step 2: Read the temperature in Celsius (celsius)

Step 3: Calculate Fahrenheit using the formula

$$\text{fahrenheit} = (\text{celsius} \times 9/5) + 32$$

Step 4: Print the temperature in Fahrenheit up to 2 decimal places

Step 5: Stop



Execution:

The screenshot shows a Python script named `tempat...` in the Explorer panel. The code converts Celsius to Fahrenheit using the formula $(C \times \frac{9}{5}) + 32$. The terminal window below shows the output of running the script.

```
1 celsius = float(input())
2 fahrenheit = (celsius * 9 / 5) + 32
3 print(f"fahrenheit:{fahrenheit:.2f}")
```

Sample Test Cases

Output Format:

- Single line contains a float value representing the temperature in Celsius.

Output Format:

- Print the temperature in Fahrenheit as a float value formatted to 2 decimal places.

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3.1.2. Celsius to Fahrenheit

Write a Python program to convert temperature from Celsius to Fahrenheit.

Formula:
 $Fahrenheit = (Celsius \times \frac{9}{5}) + 32$

Input Format:

- Single line contains a float value representing the temperature in Celsius.

Output Format:

- Print the temperature in Fahrenheit as a float value formatted to 2 decimal places.

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