

3.2 Celsius to Fahrenheit:

Algorithm:

Step 1: Start

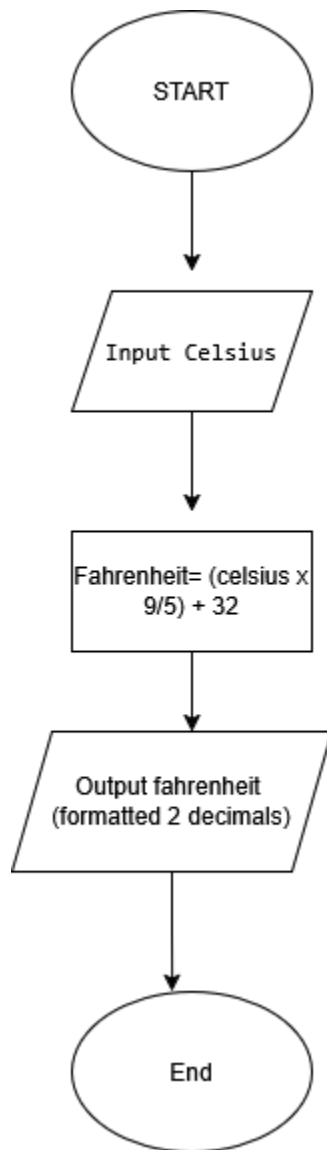
Step 2: Read the temperature in Celsius (celsius)

Step 3: Calculate Fahrenheit using the formula:
$$\text{fahrenheit} = (\text{celsius} \times 9/5) + 32$$

Step 4: Display the temperature in Fahrenheit formatted to 2 decimal places

Step 5: Stop

Flowchart:



3.1.2. Celsius to Fahrenheit

04:31

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

Formula:

$$\text{Fahrenheit} = \left(\text{Celsius} \times \frac{9}{5} \right) + 32$$

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.

Sample Test Cases

+

Explorer

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

Submit

Debugger

Average time **0.007 s** Maximum time **0.009 s**
7.13 ms 9.00 ms

4 out of 4 shown test case(s) passed
 4 out of 4 hidden test case(s) passed

Test case 1 **9 ms**

Expected output

0.0

Actual output

0.0

32.00

32.00

Debug

Test case 2 **7 ms**

Test case 3 **5 ms**

Terminal Test cases

Prev

Reset

Submit

Next

Code: