

3.1.2

3.1.2. Celsius to Fahrenheit

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

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

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.

Sample Test Cases

```
1 celsius = float(input())
2 fahrenheit = (celsius*9/5)+32
3 print(f'{fahrenheit:.2f}')
4
5
```

Average time: 0.012 s
Maximum time: 0.016 s

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

Test case 1: 16 ms
Expected output: 8.8
Actual output: 8.8

Test case 2: 16 ms
Expected output: 32.00
Actual output: 32.00

Test case 3: 13 ms

Algorithm

Step 1: Start

Step 2: Read temperature in Celsius (C)

Step 3: Calculate Fahrenheit using

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

Step 4: Display temperature in Fahrenheit (F)

Step 5: End

Flowchart

