

3.1.2. Celsius to Fahrenheit

ALGORITHM

Algorithm: To Convert Celsius to Fahrenheit

Step 1: Start

Step 2: Read the temperature in Celsius as a float value

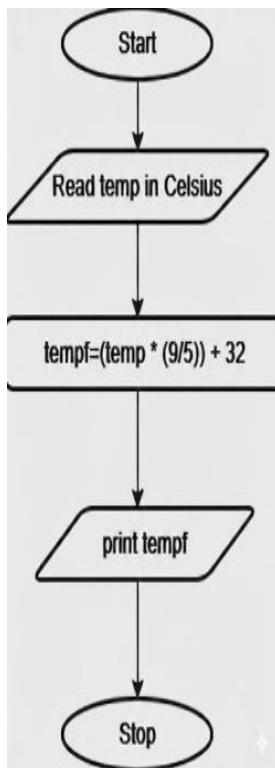
Step 3: Calculate Fahrenheit using the formula

$$\text{Fahrenheit} = (\text{Celsius} \times 9 / 5) + 32$$

Step 4: Display the Fahrenheit temperature up to two decimal places

Step 5: Stop:-

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3.1.2. Celsius to Fahrenheit01:06

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

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```
1 # Read Celsius temperature as float
2 celsius = float(input())
3
4 # Convert to Fahrenheit
5 fahrenheit = (celsius * 9 / 5) + 32
6
7 # Print result formatted to 2 decimal places
8 print(f"{fahrenheit:.2f}")
9
10
```

TerminalTest cases

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