

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

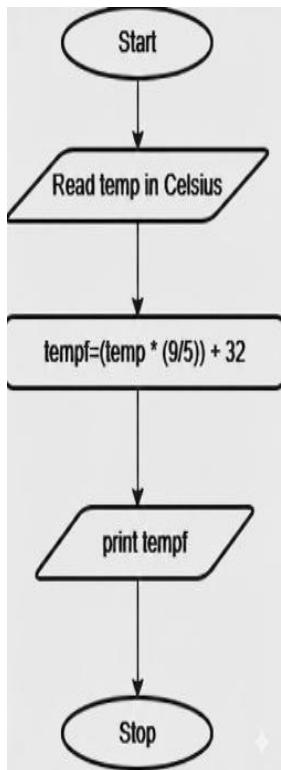
Step 3: Calculate Fahrenheit using the formula

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

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

Step 5: Stop:-

FLOWCHART:-



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3.1.2. Celsius to Fahrenheit 01:06

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.

Explorer temperat...

```
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
```

Sample Test Cases +

Terminal Test cases

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