

3.1.2

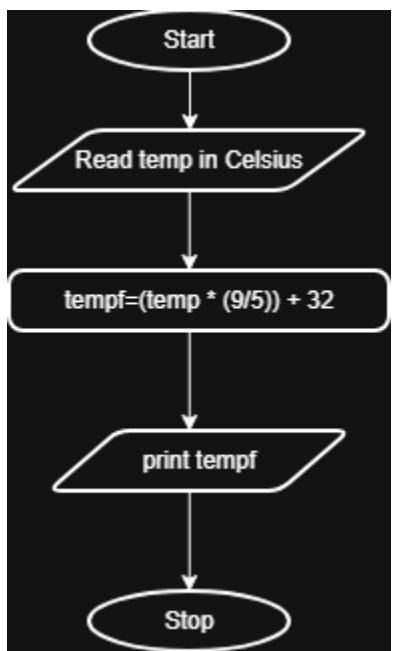
Problem Statement

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

Algorithm

1. Start.
2. Input temperature in Celsius C .
3. Calculate Fahrenheit using the formula $F = (C \times 9/5) + 32$.
4. Display the temperature in Fahrenheit.
5. Stop.

Flowchart



CODE:

The screenshot shows a programming interface with the following details:

- Header:** CODETANTRA Home
- Title Bar:** 3.1.2. Celsius to Fahrenheit
- Text Area:** Write a Python program to convert temperature from Celsius to Fahrenheit.
- Formula:** $Fahrenheit = \left(Celsius \times \frac{9}{5} \right) + 32$
- 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.
- Code Editor:** Explorer tab shows the following Python code:

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