

6

Experiment 03:-

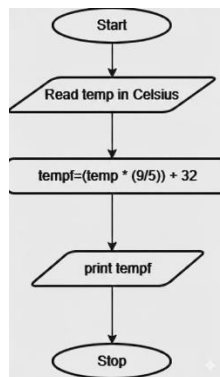
Problem Statement:-

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

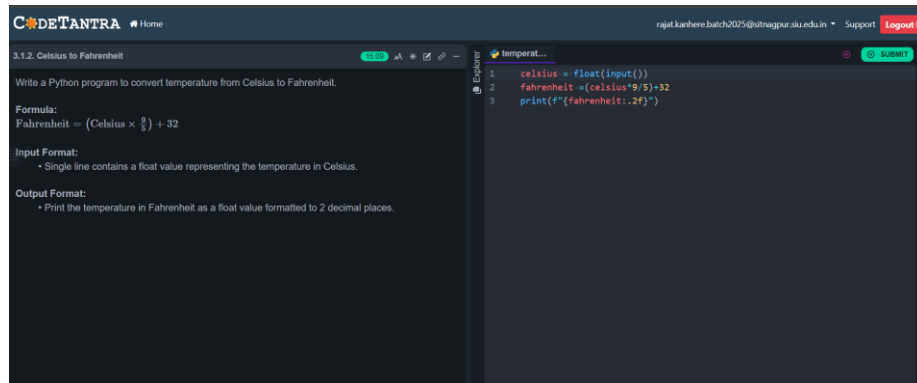
Algorithm:-

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:-



Execution:-



The screenshot shows the CODETANTRA web-based IDE interface. The top header includes the logo, a home icon, the user email 'rajat.karhera.batch2025@nitnagpur.ac.edu.in', and links for 'Support' and 'Logout'. The main workspace is divided into two panels. The left panel, titled '3.1.2. Celsius to Fahrenheit', contains instructions: 'Write a Python program to convert temperature from Celsius to Fahrenheit.', the formula
$$\text{Fahrenheit} = \left(\text{Celsius} \times \frac{9}{5}\right) + 32$$
, and input/output format specifications. The right panel, titled 'temperat...', shows a Python script with three lines of code:

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