### 3.1.2 Celsius to Fahrenheit

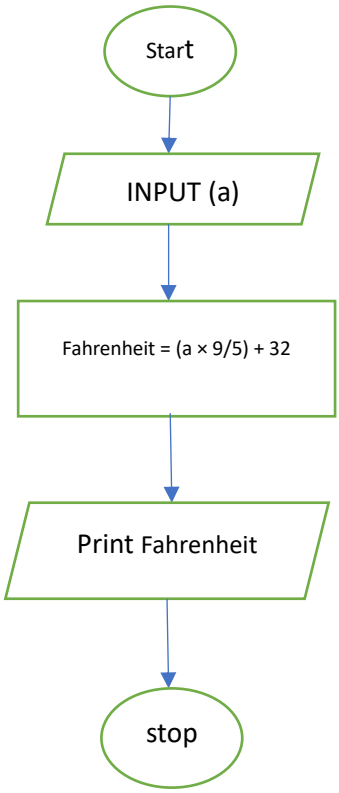
### A) Alogrithm

Step 1: Start
Step 2: Read temperature in Celsius (a)
Step 3: Compute Fahrenheit = (a × 9/5) + 32
Step 4: Display Fahrenheit temperature up to 2 decimal places
Step 5: Stop

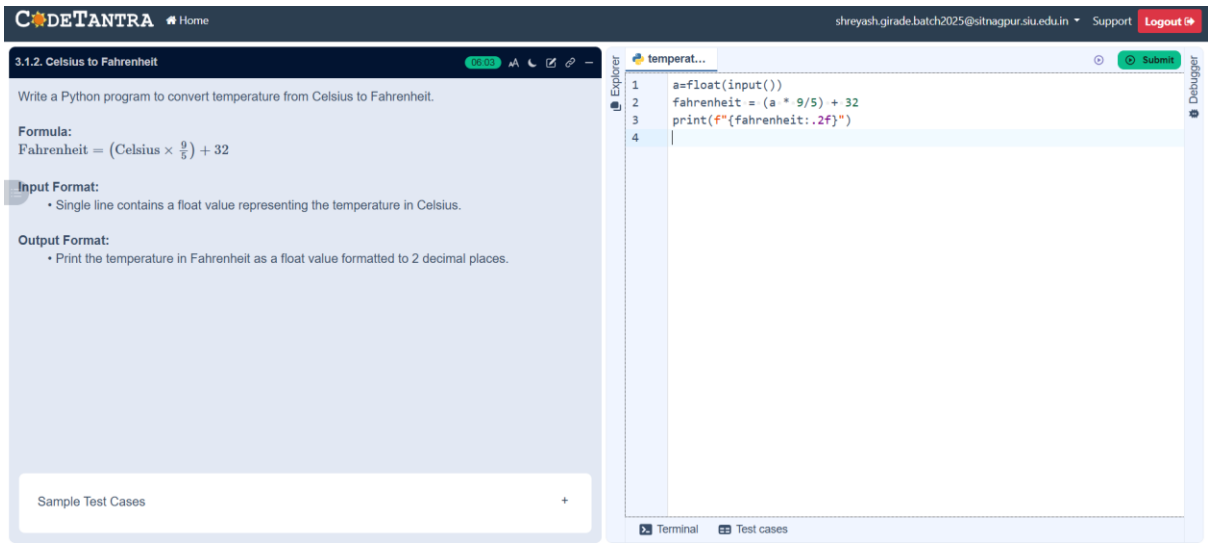
## B) code

```
a=float(input())

fahrenheit = (a * 9/5) + 32

print(f"{fahrenheit:.2f}")
```

### C) flowchart



## D) output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3.1.2. Celsius to Fahrenheit
06:03
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
+
Explorer
temperat...
Submit
Debugger
1 a=float(input())
2 fahrenheit = (a * 9/5) + 32
3 print(f"{fahrenheit:.2f}")
4
Terminal
Test cases