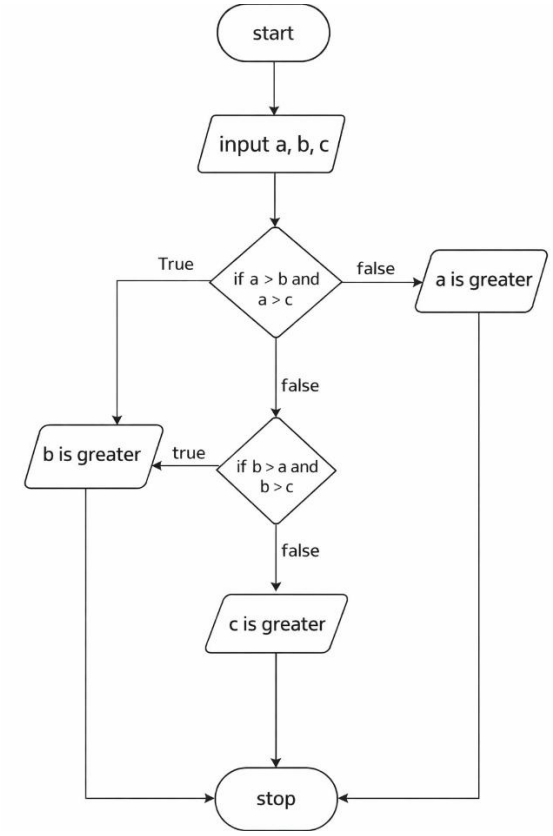
3.1.1. Largest of Three Numbers

ALGORITHM:

1. Start
2. Read the first integer a.
3. Read the second integer b.
4. Read the third integer c.
5. Find the largest number among a, b, and c.
6. Display the largest number.
7. Stop

FLOWCHART:



CODE:

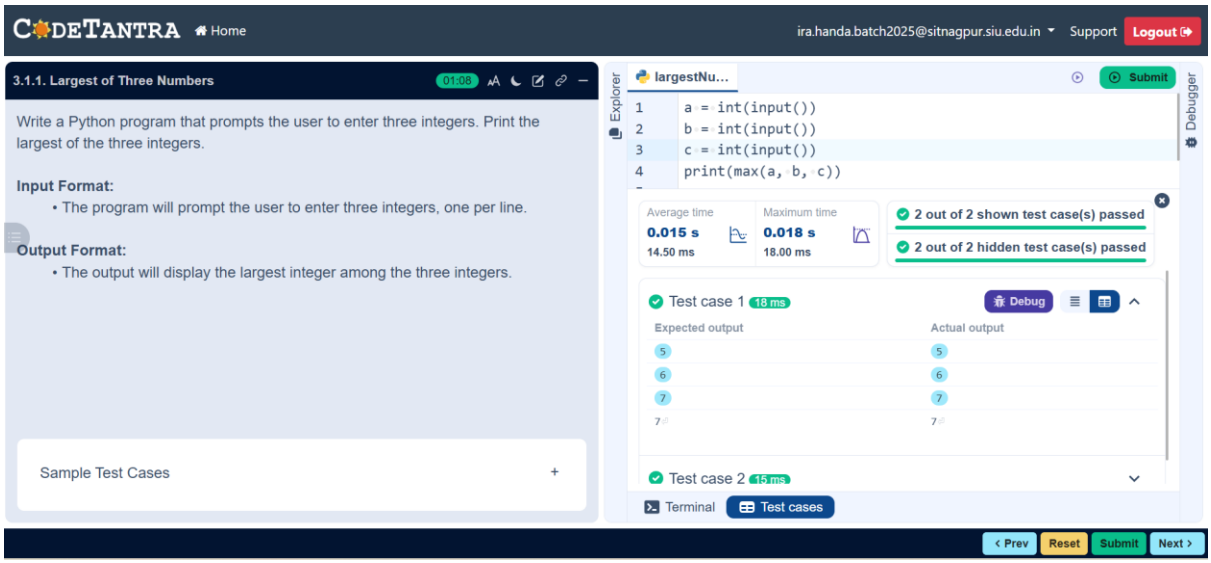
```
a = int(input())

b = int(input())

c = int(input())

print(max(a, b, c))
```

CODETANTRA:



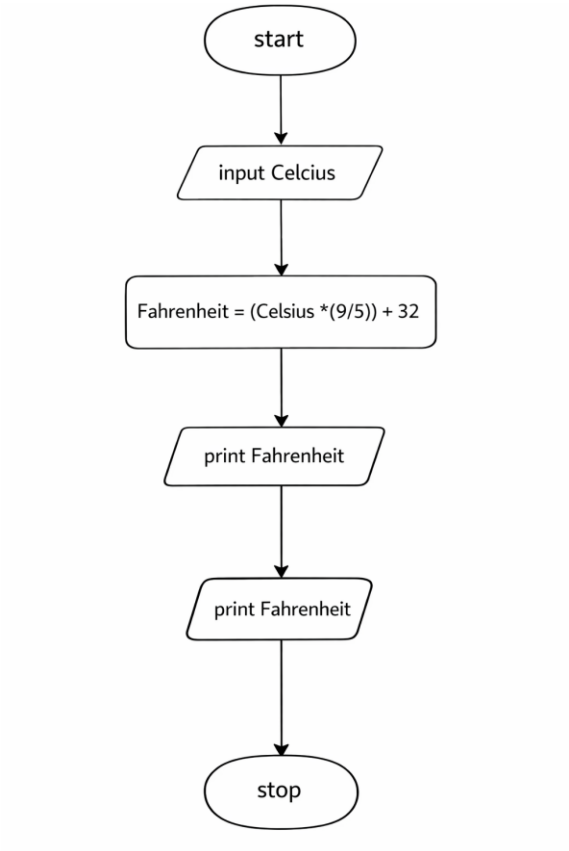
3.1.2. Celsius to Fahrenheit

ALGORITHM:

1 Start
2 Read the temperature in Celsius as a floating-point number.
3 Convert the temperature to Fahrenheit using the formula:
4 Fahrenheit $= (\text{Celsius} \times \frac{9}{5}) + 32$

5 Display the temperature in Fahrenheit formatted to 2 decimal places.
6 Stop

FLOWCHART:



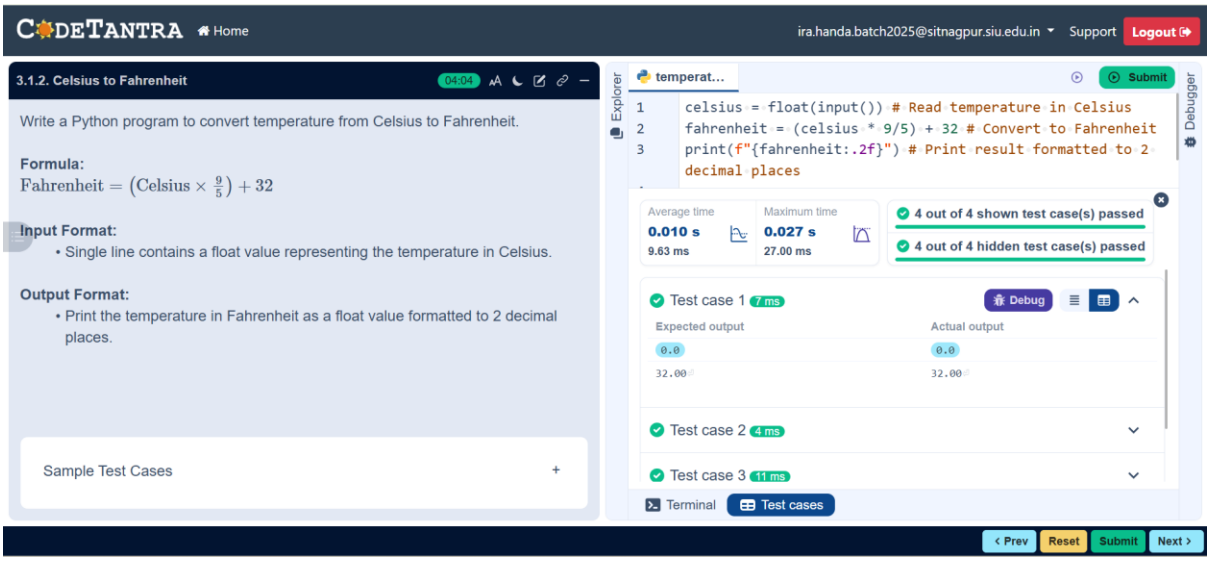
CODE:

```
celsius = float(input())

fahrenheit = (celsius * 9/5) + 32

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

CODETANTRA:


CODETANTRA
Home
ira.handa.batch2025@sitnagpur.siu.edu.in
Support
Logout
3.1.2. Celsius to Fahrenheit
04:04
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 celsius = float(input()) # Read temperature in Celsius
2 fahrenheit = (celsius * 9/5) + 32 # Convert to Fahrenheit
3 print(f"{fahrenheit:.2f}") # Print result formatted to 2 decimal places
Average time
0.010 s
9.63 ms
Maximum time
0.027 s
27.00 ms
4 out of 4 shown test case(s) passed
4 out of 4 hidden test case(s) passed
Test case 1 7 ms
Debug
Expected output
0.0
32.00
Actual output
0.0
32.00
Test case 2 4 ms
Test case 3 11 ms
Terminal
Test cases
‹ Prev
Reset
Submit
Next ›