3.1.1 LARGEST OF THREE NUMBERS

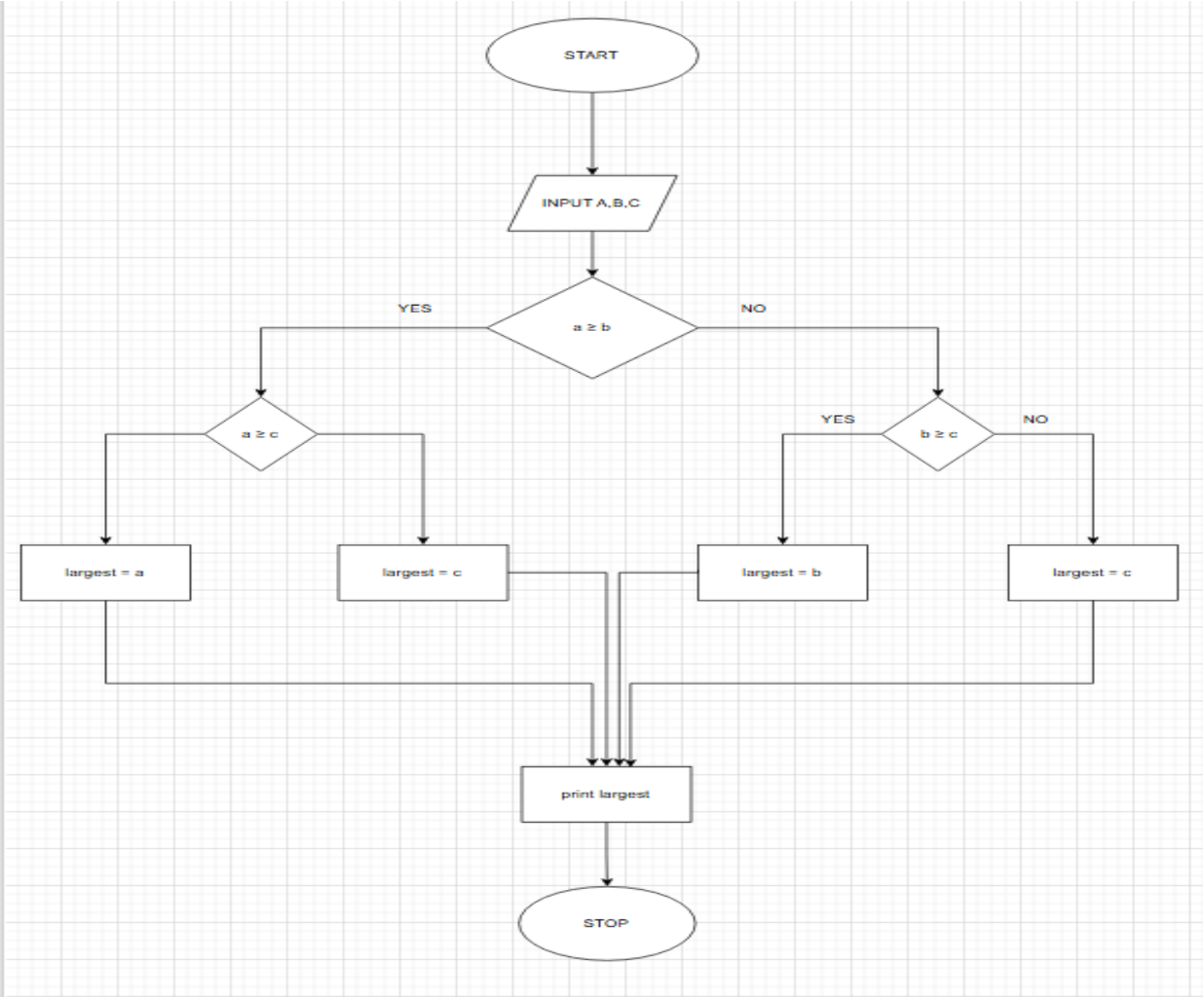
ALGORITHM

1 Start
2 Read three integers a, b, and c
3 If a ≥ b
- If a ≥ c
  - Set Largest = a
- Else
  - Set Largest = c

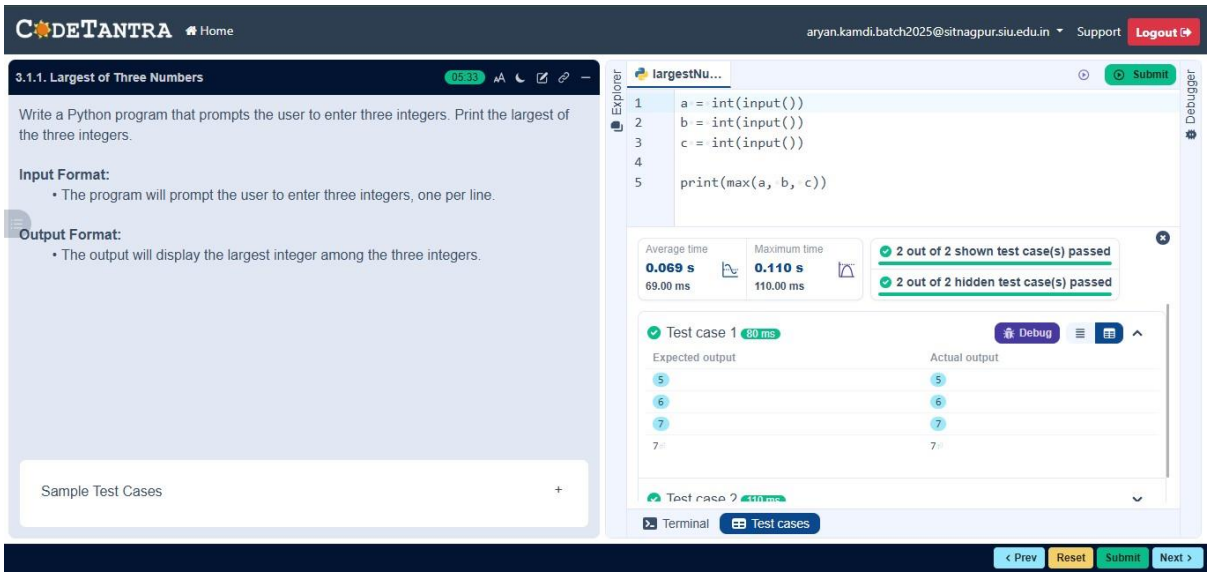
4 Else
- If b ≥ c
  - Set Largest = b
- Else
  - Set Largest = c

5 Print Largest
6 Stop

FLOWCHART



PROGRAM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3.1.1. Largest of Three Numbers
05:33
Write a Python program that prompts the user to enter three integers. Print the largest of the three integers.
Input Format:
• The program will prompt the user to enter three integers, one per line.
Output Format:
• The output will display the largest integer among the three integers.
Sample Test Cases
largestNu...
Submit
Explorer
Debugger
1 a = int(input())
2 b = int(input())
3 c = int(input())
4
5 print(max(a, b, c))
Average time
0.069 s
69.00 ms
Maximum time
0.110 s
110.00 ms
2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed
Test case 1 80 ms
Debug
Expected output
Actual output
5
6
7
Terminal
Test cases
‹ Prev
Reset
Submit
Next ›

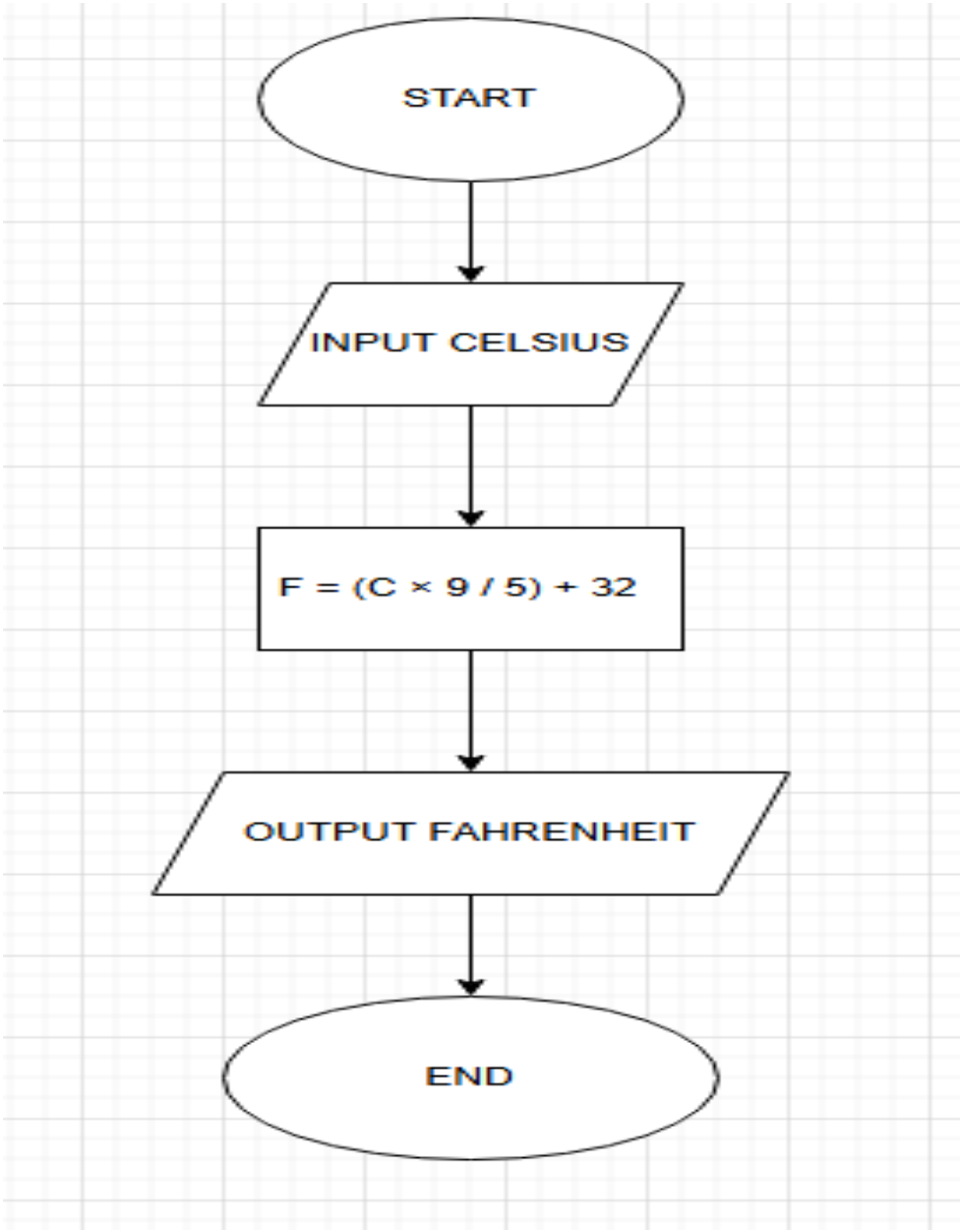
3.1.2 CELSIUS TO FAHRENHEIT

ALGORITHM

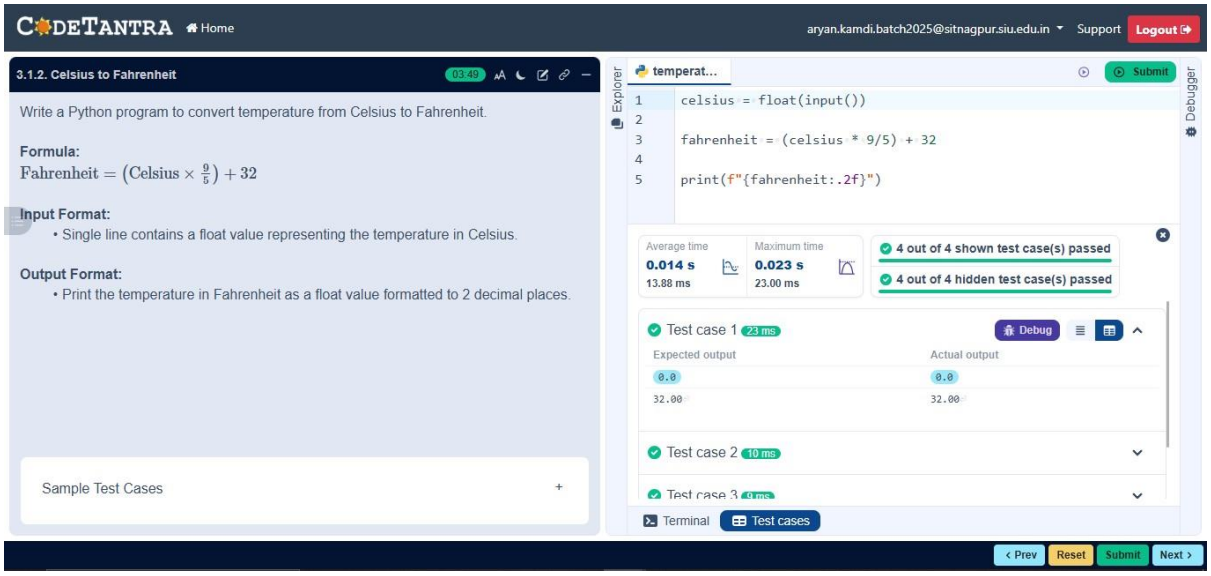
1. Start
2. Input temperature in Celsius (C)
3. Calculate Fahrenheit using the formula

   F = (C × 9/5) + 32
4. Display Fahrenheit value (formatted to 2 decimal places)
5. End

FLOWCHART



PROGRAM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3.1.2. Celsius to Fahrenheit
03:49
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())
2
3 fahrenheit = (celsius * 9/5) + 32
4
5 print(f"{fahrenheit:.2f}")
Average time
0.014 s
13.88 ms
Maximum time
0.023 s
23.00 ms
4 out of 4 shown test case(s) passed
4 out of 4 hidden test case(s) passed
Test case 1 23 ms
Debug
Expected output
Actual output
0.0
32.00
0.0
32.00
Test case 2 10 ms
Terminal
Test cases
‹ Prev
Reset
Submit
Next ›