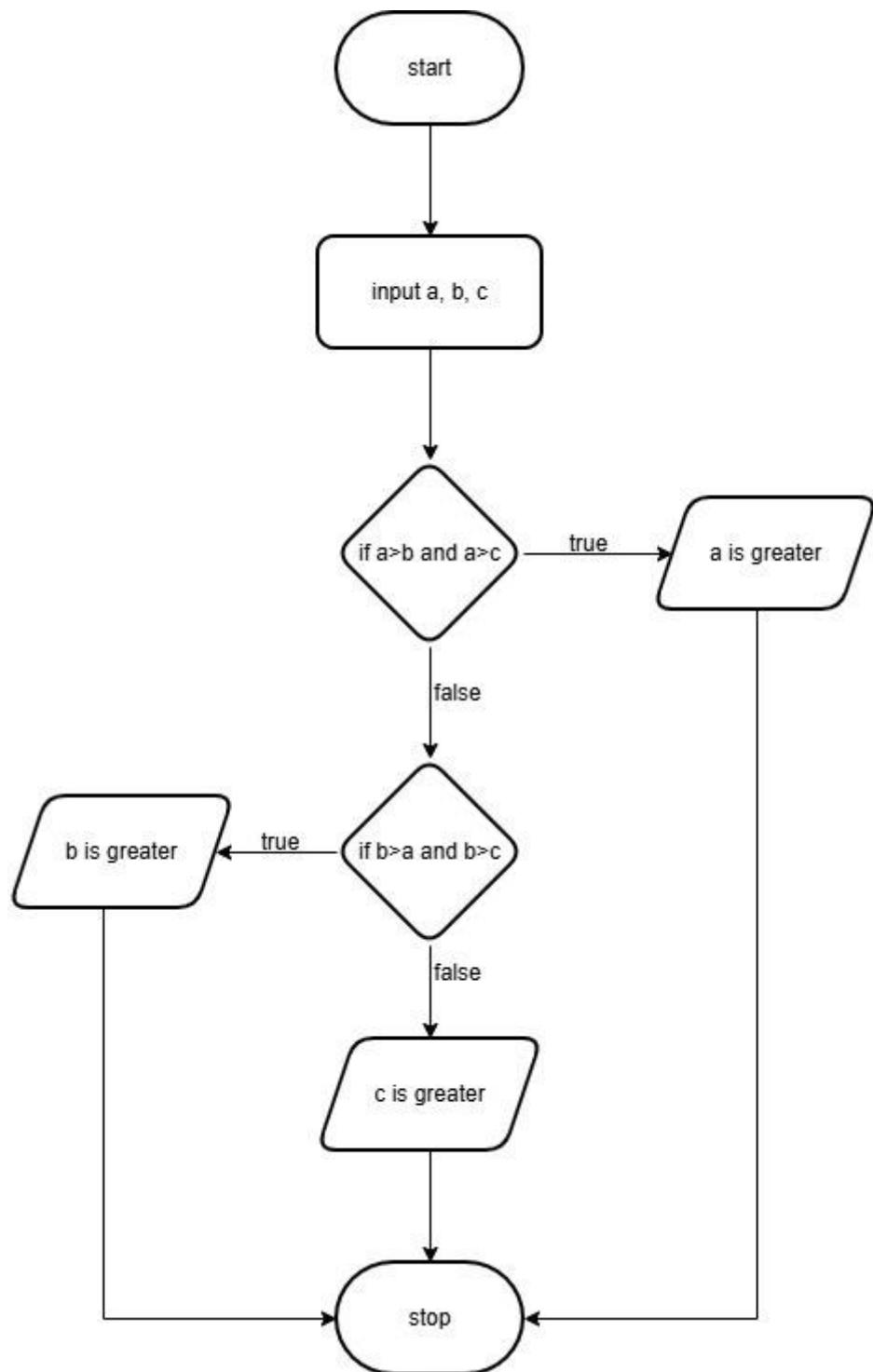


### 3.1.1 : Largest of Three Numbers

Flow Chart :



# Algorithm: Find the Largest of Three Numbers

1. Start

2. Input three integers a, b, and c from the user.

3. Compare:

- o If a is greater than b and a is greater than c,  
→ Print a as the largest number.

4. Else if:

- o If b is greater than a and b is greater than c,  
→ Print b as the largest number.

5. Else:

- o Print c as the largest number.

6. Stop

The screenshot shows the CodeTantra IDE interface. The title bar says "CODETANTRA" and "Home". The top right shows the user "nidhi.potle.batch2025@sitnagpur.siu.edu.in", "Support", and "Logout".

The main area has a dark theme. On the left, there's a sidebar with "3.1.1. Largest of Three Numbers", "Input Format" (prompting for three integers), and "Output Format" (displaying the largest integer). A "Sample Test Cases" button is at the bottom of this sidebar.

The central workspace has an "Explorer" tab open, showing a file named "largestNu...". The code is:

```
1 #write your code here...
2 a=int(input())
3 b=int(input())
4 c=int(input())
5 if(a>b and a>c):
6     print(a)
7 elif(b>a and b>c):
8     print(b)
9 else:
10     print(c)
```

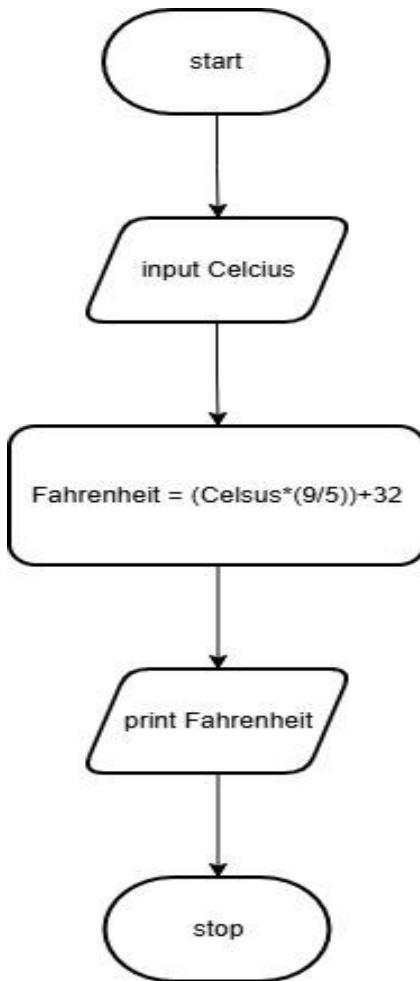
Below the code, performance metrics are shown: Average time 0.022 s, Maximum time 0.029 s, 22.50 ms, and 29.00 ms. It also shows "2 out of 2 shown test case(s) passed" and "2 out of 2 hidden test case(s) passed".

The "Test cases" section shows two test cases. Test case 1 has expected output [5, 6, 7] and actual output [5, 6, 7]. Test case 2 has expected output [20 ms] and actual output [20 ms].

At the bottom, there are buttons for "Terminal", "Test cases", and navigation: "< Prev", "Reset", "Submit", and "Next >".

### 3.1.2 : Celsius to Fahrenheit

Flow Chart :



Algorithm: Celsius to Fahrenheit

1. Start
2. Input the temperature in Celsius from the user.
3. Calculate the temperature in Fahrenheit using the formula.

4. Display the calculated temperature in Fahrenheit (up to two decimal places).

5. Stop

**CODETANTRA** Home

nidhi.potle.batch2025@sitnagpur.siu.edu.in Support Logout

**3.1.2. Celsius to Fahrenheit**

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

temperat...

```
# Type Content here...
1 celsius = float(input())
2 fahrenheit = (celsius*(9/5))+32
3 print(f"{fahrenheit:.2f}")
```

Average time: 0.007 s Maximum time: 0.010 s  
7.00 ms 10.00 ms

4 out of 4 shown test case(s) passed  
4 out of 4 hidden test case(s) passed

Test case 1 10 ms  
Expected output: 0.0 Actual output: 0.0  
32.00 32.00

Test case 2 5 ms  
Test case 3 10 ms

Terminal Test cases

< Prev Reset Submit Next >

