

EXPERIMENT 3

3.1 PROGRAMS:

3.1.1//Largest of three numbers

ALGORITHM:

Step 1 : Start

Step 2 : Input n1,n2,n3

Step 3 : If n1 > n2 and n1 > n3

 Print n1 is largest

 el if n2 > n1 and n3 > n2

 print n2 is the lagest

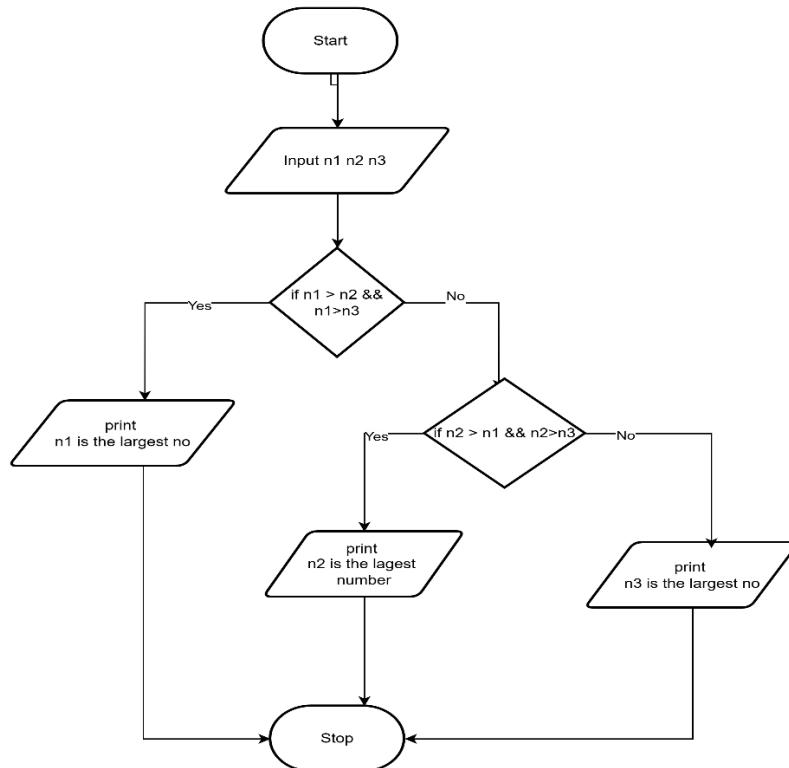
 else

 print n3 is the lagest

loop end

Step 4 : Stop

FLOWCHART:



CODETANTRA:

The screenshot shows the CodeTantra IDE interface. The title bar says "CODETANTRA" and "Home". The top right shows the user's email "vedant.awachat.batch2025@sitnagpur.siu.edu.in" and "Logout". The main area has a dark theme. On the left, there's a sidebar with "Sample Test Cases" and a "+" button. The central workspace shows a code editor with the following Python code:

```
1 a = int(input())
2 b = int(input())
3 c = int(input())
4
5 print(max(a, b, c))
```

Below the code editor, there's a performance summary table:

Average time	Maximum time
0.013 s	0.018 s
12.50 ms	18.00 ms

Next to the table, two green status indicators are shown: "2 out of 2 shown test case(s) passed" and "2 out of 2 hidden test case(s) passed". Below this, there are two rows of test cases labeled "Test case 1" and "Test case 2". Each row has "Expected output" and "Actual output" columns. Both rows show the same values: 5, 3, 7, and 7. At the bottom of the interface, there are buttons for "DEBUG", "Terminal", "Test cases", and navigation links like "< PREV", "RESET", "SUBMIT", and "NEXT >".

3.1.2/Celsius to farehinheit

ALGORITHM:

Step 1: Start

Step 2: Read temperature in Celsius → C

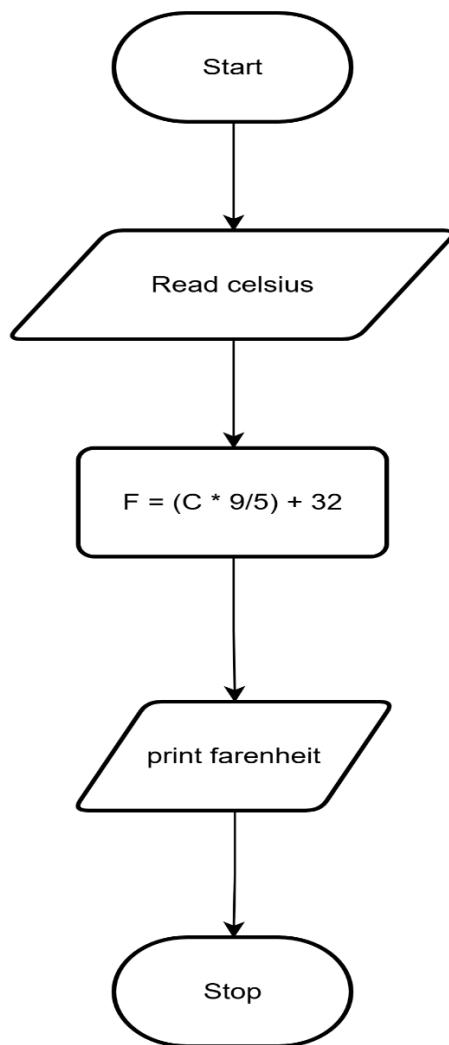
Step 3: Calculate Fahrenheit using the formula

$$F = (C \times \frac{9}{5}) + 32$$

Step 4: Display value of F

Step 5: Stop

FLOWCHART:



CODETANTRA:

CODETANTRA Home

3.1.2. Celsius to Fahrenheit

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

Formula:
 $Fahrenheit = \left(Celsius \times \frac{9}{5} \right) + 32$

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.

temperat...

```

1 celsius:=float(input())
2
3 fahrenheit=-(celsius*-9/5)+32
4
5 print(f"{fahrenheit:.2f}")
  
```

Average time: 0.008 s Maximum time: 0.034 s

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

Test case 1: 0.00 ms
 Expected output: 0.00
 Actual output: 32.00

Test case 2: 0 ms
 Test case 3: 0 ms

Sample Test Cases

< PREV RESET SUBMIT NEXT >