

3.1.1. Largest of Three Numbers

Algorithm: To Find the Largest of Three Numbers

Step 1: Start

Step 2: Read the values of a, b and c

Step 3: If $a \geq b$ and $a \geq c$, then print a

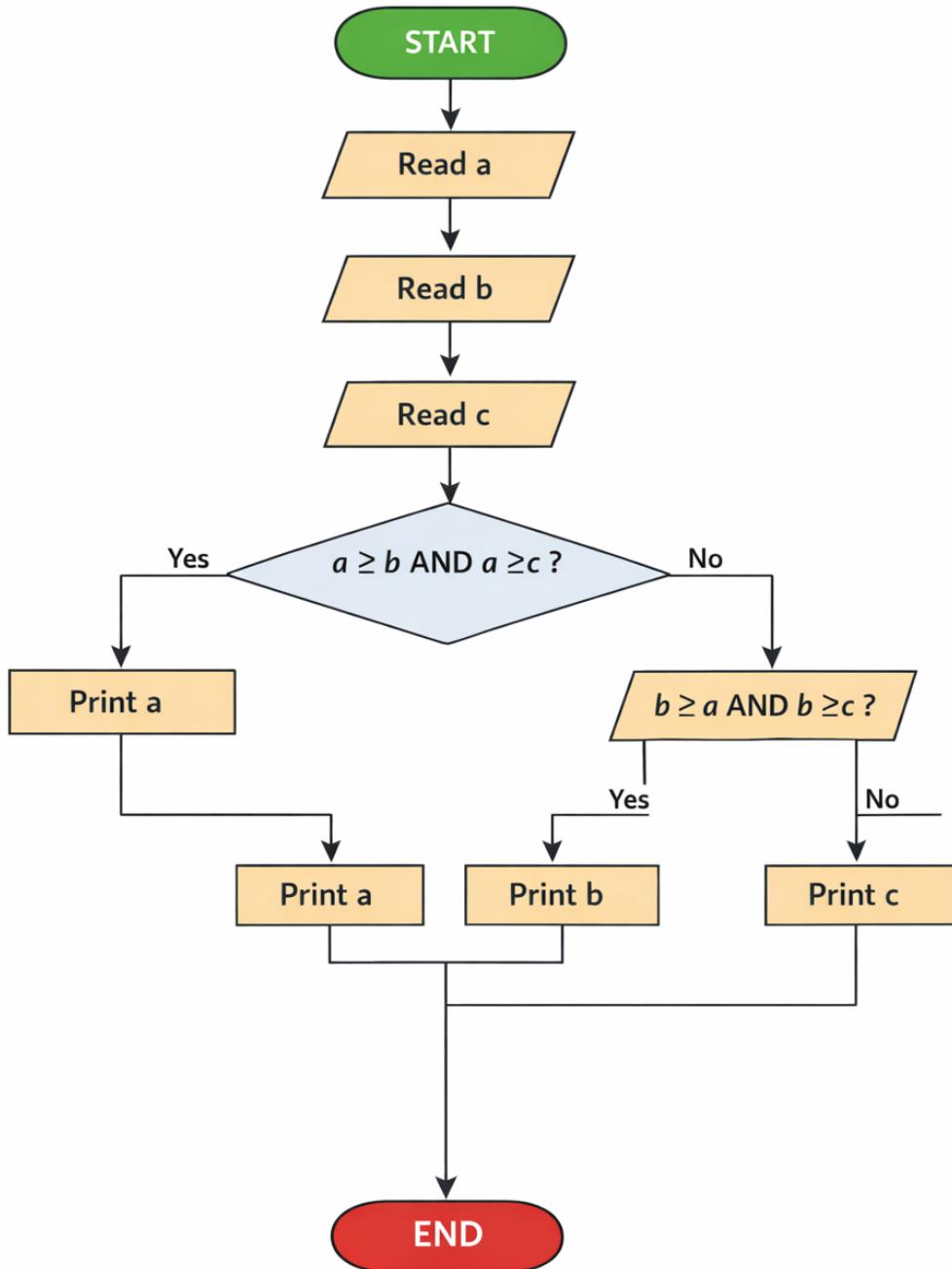
Step 4: Else if $b \geq a$ and $b \geq c$, then print b

Step 5: Else print c

Step 6: Stop

FLOWCHART

Largest of Three Numbers



The screenshot shows a web-based IDE interface for programming. At the top, there are tabs for 'programming-and-problem-sc...' and 'Course'. Below the tabs, the URL is sitnagpur.codetantra.com/secure/course.jsp?euclid=693fa60b79739f1e1d81ca43#/contents/693fa6c879739f1e1d81cc69/693fa76379739f1e1d81ce29/679dd795a92b32...'. The user information 'chitransh.phalkey.batch2025@sitnagpur.siu.edu.in' is visible along with 'Support' and 'Logout' buttons.

The main area displays a code editor titled 'largestNu...'. The code is:

```
a = int(input())
b = int(input())
c = int(input())

if a >= b and a >= c:
    print(a)
elif b >= a and b >= c:
    print(b)
else:
    print(c)
```

Below the code editor, there's a 'Sample Test Cases' button. At the bottom of the interface, there are buttons for 'Terminal', 'Test cases', and navigation links: '< Prev', 'Reset', 'Submit', and 'Next >'.

3.1.2. Celsius to Fahrenheit

ALGORITHM

Algorithm: To Convert Celsius to Fahrenheit

Step 1: Start

Step 2: Read the temperature in Celsius as a float value

Step 3: Calculate Fahrenheit using the formula

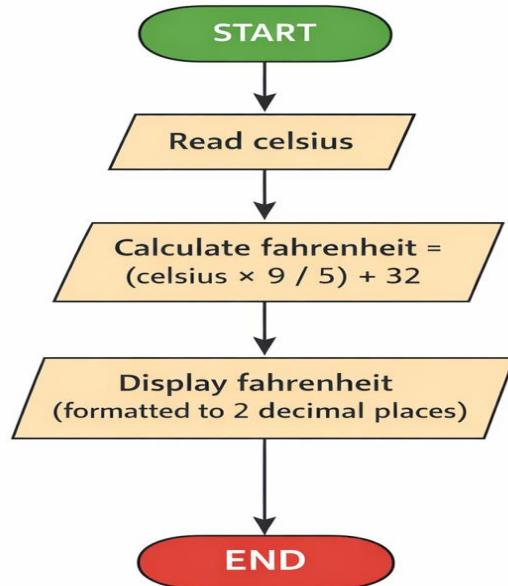
$$\text{Fahrenheit} = (\text{Celsius} \times 9 / 5) + 32$$

Step 4: Display the Fahrenheit temperature up to two decimal places

Step 5: Stop:-

FLOWCHART:-

Celsius to Fahrenheit Conversion



Screenshot of a web-based programming environment on codetantra.com. The title bar shows "3.1.2. Celsius to Fahrenheit". The main area contains instructions and formulas for the conversion:

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.

The code editor shows the following Python script:

```
temperat...
1 # Read Celsius temperature as float
2 celsius = float(input())
3
4 # Convert to Fahrenheit
5 fahrenheit = (celsius * 9 / 5) + 32
6
7 # Print result formatted to 2 decimal places
8 print(f"{fahrenheit:.2f}")
9
10
```

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

