

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

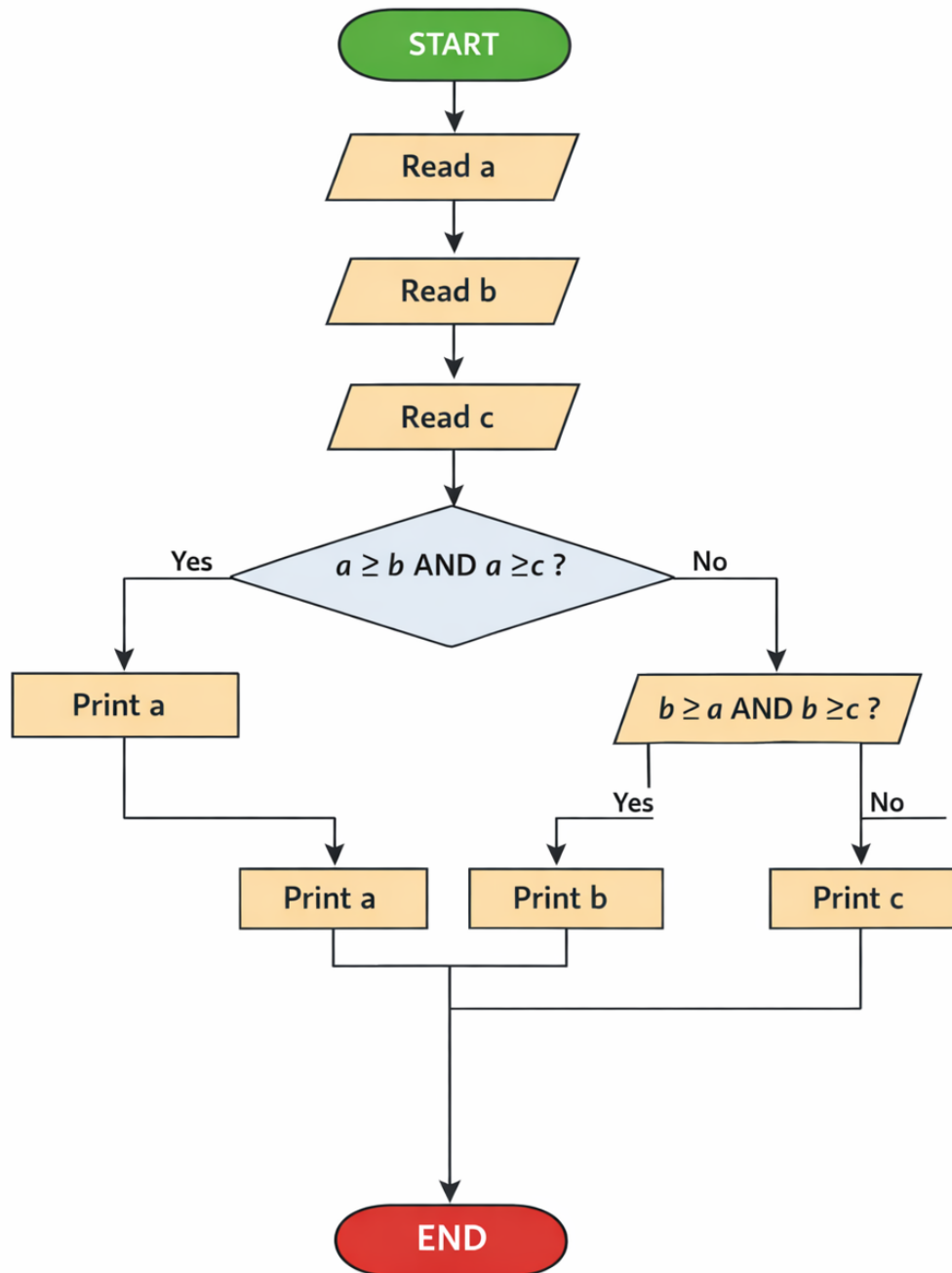
Step 4: Else if $b \geq a$ and $b \geq c$, then print b

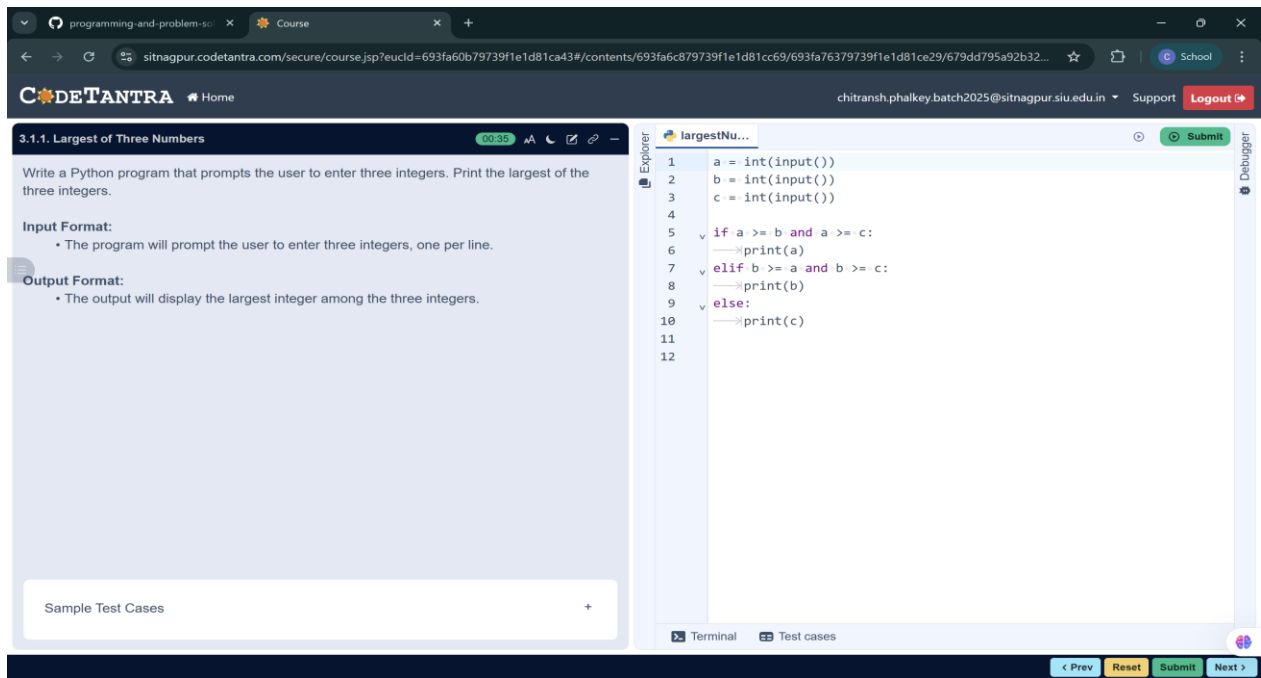
Step 5: Else print c

Step 6: Stop

FLOWCHART

Largest of Three Numbers





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

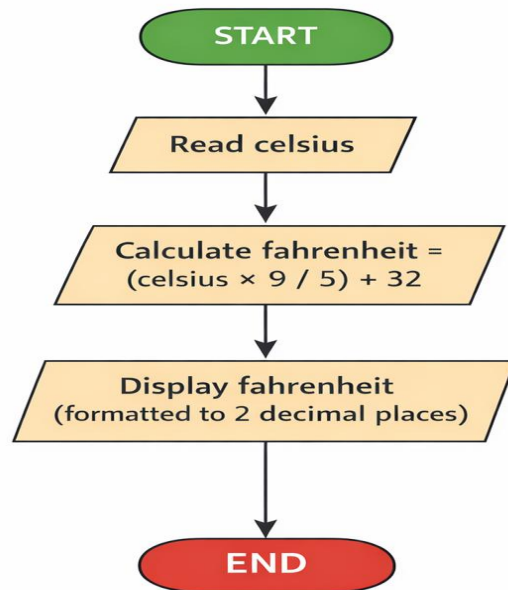
$$\text{Fahrenheit} = (\text{Celsius} \times 9 / 5) + 32$$

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

Step 5: Stop:-

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Celsius to Fahrenheit Conversion



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3.1.2. Celsius to Fahrenheit

01:06

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

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

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.

Sample Test Cases

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```
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
```

Terminal Test cases

Debugger

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