

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

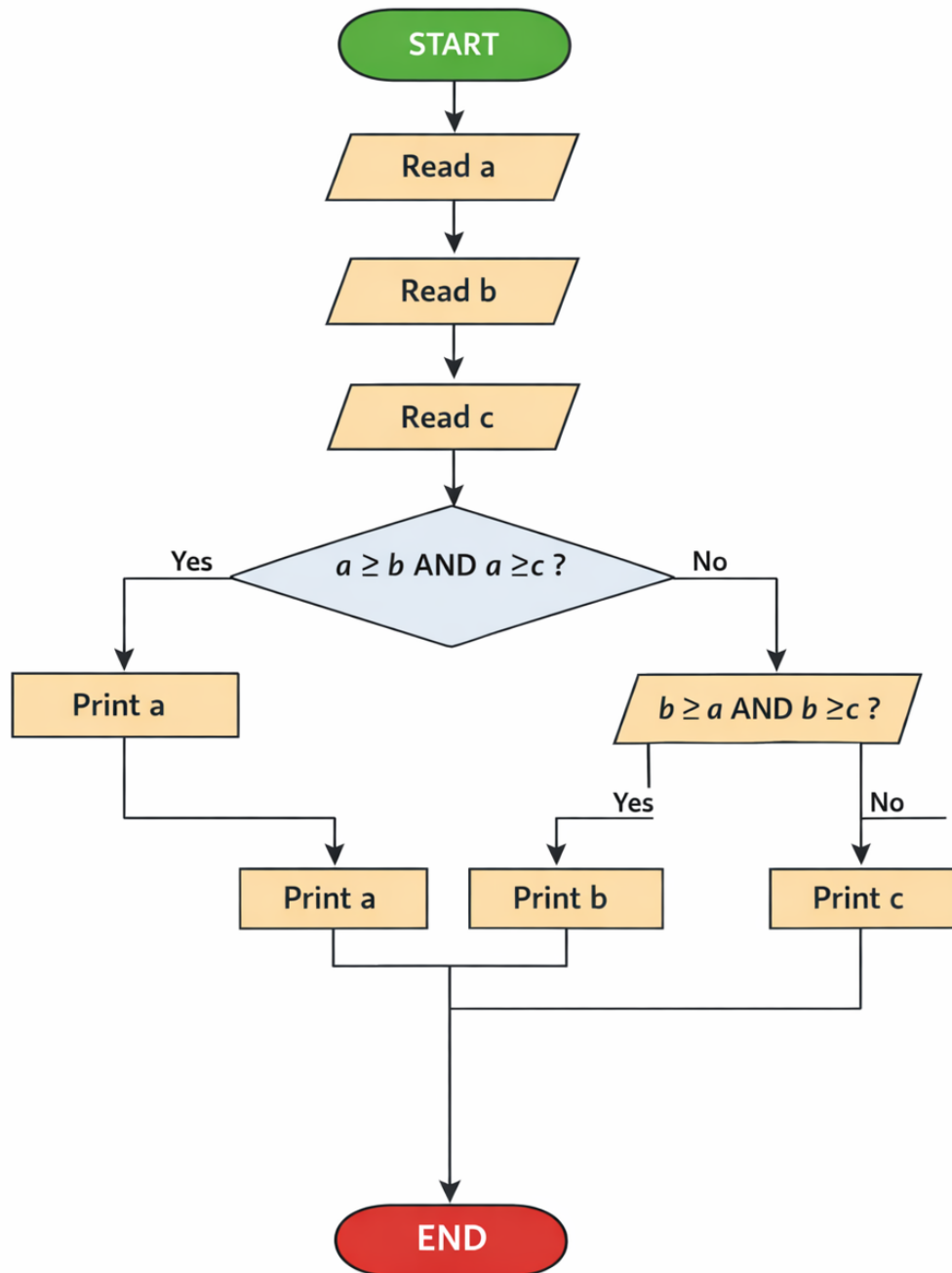
Step 4: Else if $b \geq a$ and $b \geq c$, then print b

Step 5: Else print c

Step 6: Stop

FLOWCHART

Largest of Three Numbers



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3.1.1. Largest of Three Numbers 00:35

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...

```
1 a = int(input())
2 b = int(input())
3 c = int(input())
4
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)
11
12
```

Terminal Test cases

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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

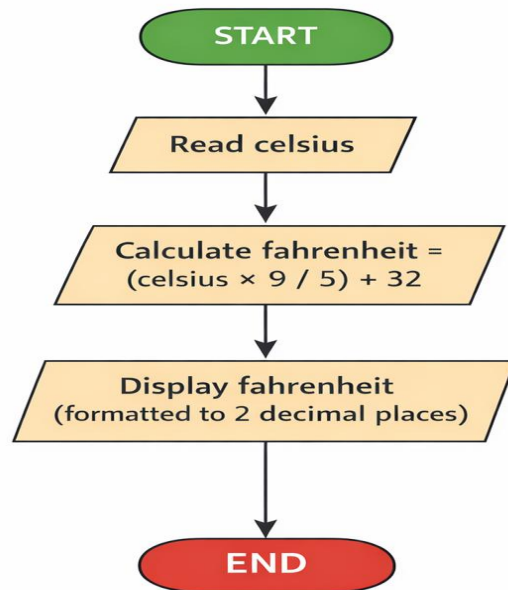
$$\text{Fahrenheit} = (\text{Celsius} \times 9 / 5) + 32$$

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

Step 5: Stop:-

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Celsius to Fahrenheit Conversion



programming-and-problem-sol x Course x +

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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 +

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
```

Terminal Test cases

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