

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

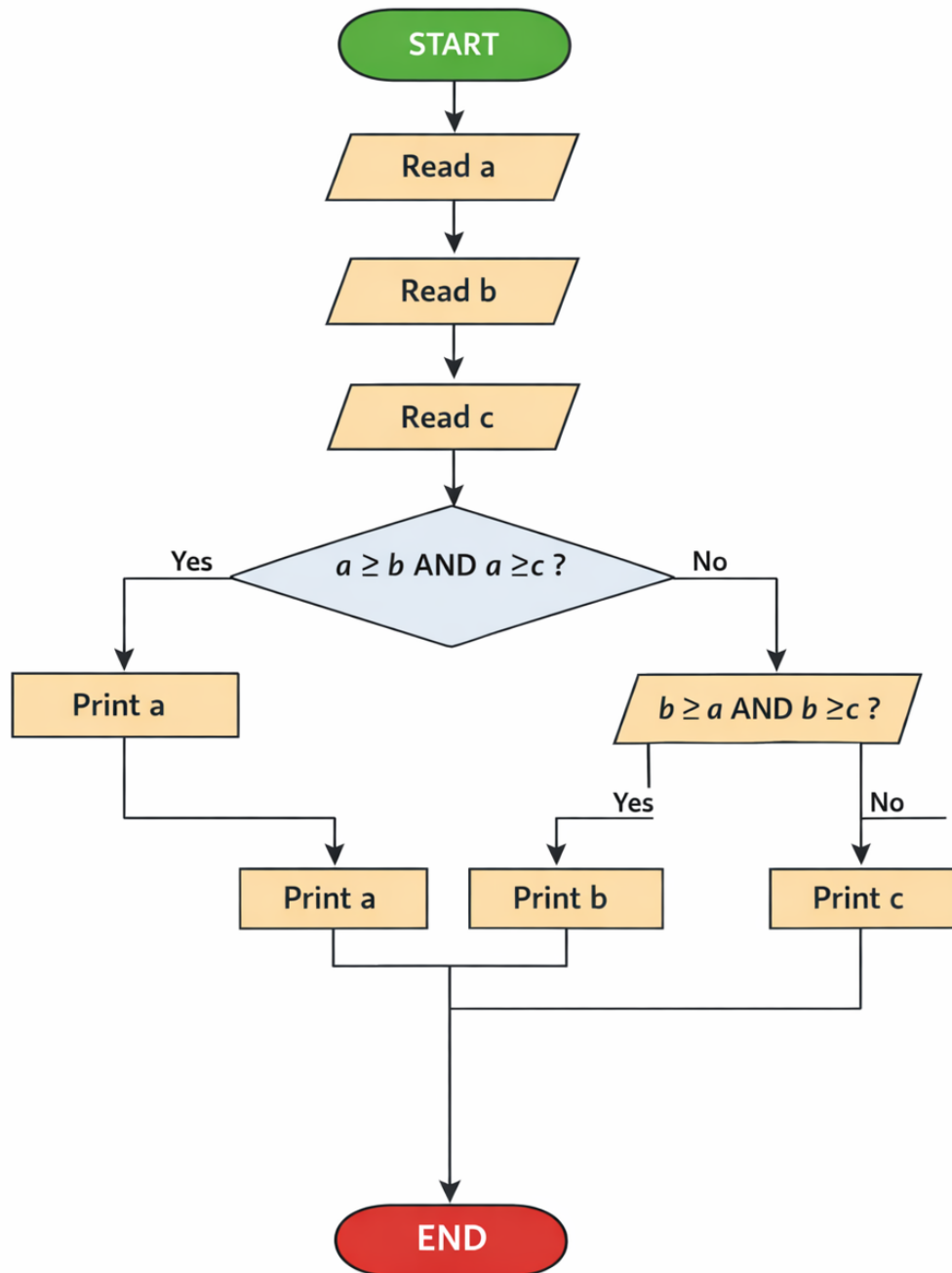
Step 4: Else if $b \geq a$ and $b \geq c$, then print b

Step 5: Else print c

Step 6: Stop

FLOWCHART

Largest of Three Numbers



3.1.1. 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 +

```
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

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

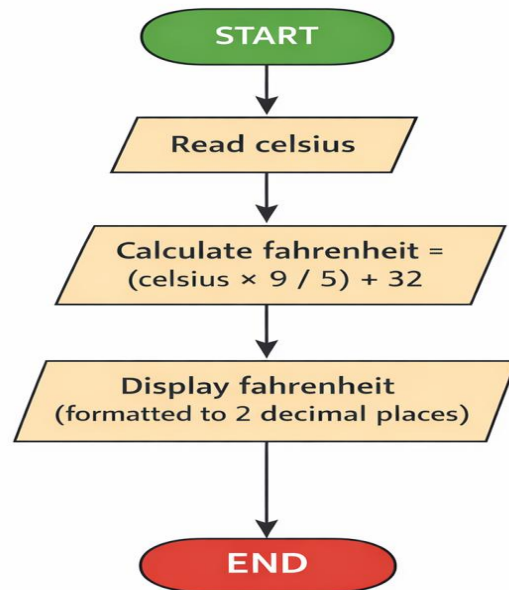
$$\text{Fahrenheit} = (\text{Celsius} \times 9 / 5) + 32$$

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

Step 5: Stop:-

FLOWCHART:-

Celsius to Fahrenheit Conversion



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Course

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3.1.2. Celsius to Fahrenheit01:06

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

Explorer

temperat...

1# Read Celsius
2celsius = float
3
4# Convert to F
5fahrenheit = (
6
7# Print result
8print(f"{fahre
9
10

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