

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

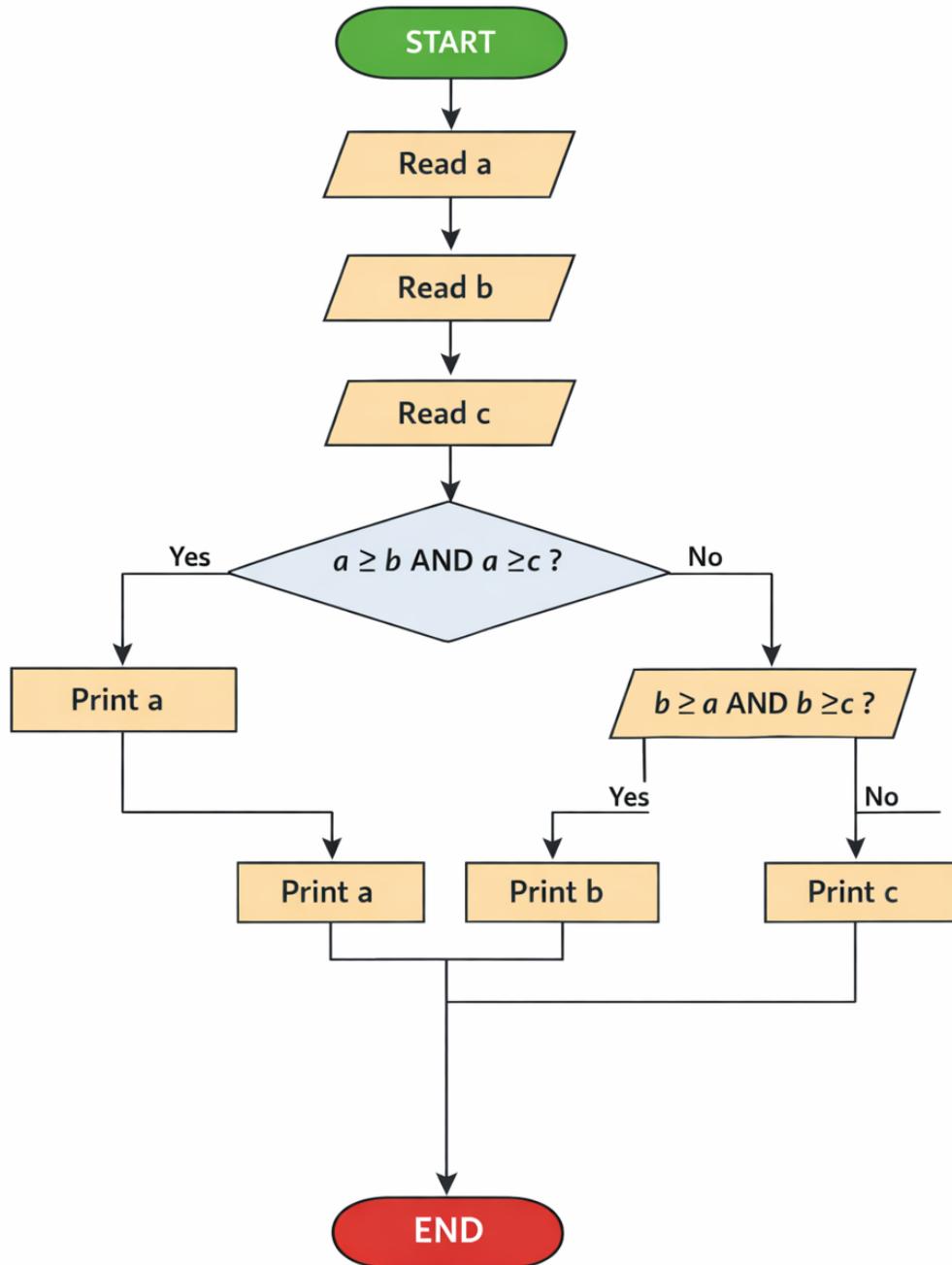
Step 4: Else if $b \geq a$ and $b \geq c$, then print b

Step 5: Else print c

Step 6: Stop

FLOWCHART

Largest of Three Numbers



3.1.1. Largest of Three Numbers

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

Code Editor (Python):

```
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)
```

Explorer

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

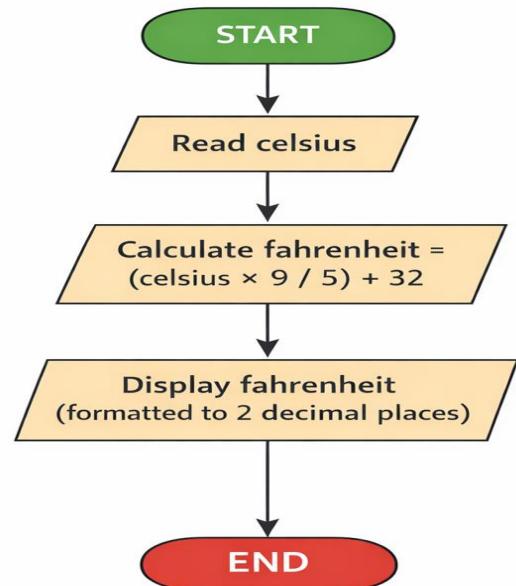
$$\text{Fahrenheit} = (\text{Celsius} \times 9 / 5) + 32$$

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

Step 5: Stop:-

FLOWCHART:-

Celsius to Fahrenheit Conversion



programming-and-problem-sol Course

← → C sitnagpur.codetantra.com/secure/course.jsp?euclid=693fa60b79739f1e1d81ca43#/contents/693fa6c879739f1e1d81cc69/693fa

CODETANTRA Home

3.1.2. Celsius to Fahrenheit 01:06 AA ☾ -

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
2 celsius = float(
3 # Convert to Fahrenheit
4 fahrenheit = (celsius *
5 # Print result
6 print(fahrenheit))
7
8
9
10

Terminal Test cases