

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.

00:07 A ⚡ 🔍 -

Explorer largestNu...

```
1 a = int(input())
2 b = int(input())
3 c = int(input())
4
5 largest = a
6 if b > largest: largest = b
7 if c > largest: largest = c
8 print(largest)
```

9
6
0
9

==== YOUR PROGRAM HAS ENDED ===

Start

Input: Read three separate integers from the user, one by one (a, b, and c).

Initialization: Assume the first number (a) is the **largest** and store it in a variable called largest.

Comparison 1: Check if the second number (b) is greater than largest.

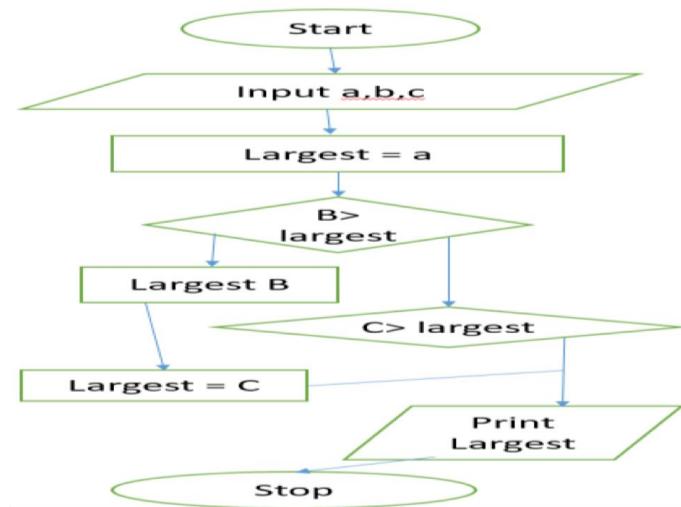
- **If Yes:** Update largest to be equal to b.

Comparison 2: Check if the third number (c) is greater than the current largest.

- **If Yes:** Update largest to be equal to c.

Output: Print the final value of largest.

Stop



The screenshot shows a Python code editor interface. On the left, there's a taskbar with the title "3.1.2. Celsius to Fahrenheit". Below it, instructions say "Write a Python program to convert temperature from Celsius to Fahrenheit." A formula is given: $Fahrenheit = \left(Celsius \times \frac{9}{5} \right) + 32$. Input and output formats are specified: input is a float representing Celsius, and output is a float representing Fahrenheit formatted to 2 decimal places. On the right, the code editor shows a file named "temperat...py" with the following content:

```

1 celsius = float(input())
2 fahrenheit = (celsius * 9/5) + 32
3 print(f"{fahrenheit:.2f}")

```

The terminal window at the bottom shows the output of running the program with two inputs: 37.5 and 99.50, followed by the message "YOUR PROGRAM HAS ENDED".

Start

Input: Read the temperature value in Celsius from the user.

Process: Convert the input value to a floating-point number (decimal).

Calculation: Calculate the Fahrenheit temperature using the formula:

- $Fahrenheit = (Celsius \times \frac{9}{5}) + 32$

Output: Print the calculated Fahrenheit value, formatted to exactly **two decimal places**.

End

