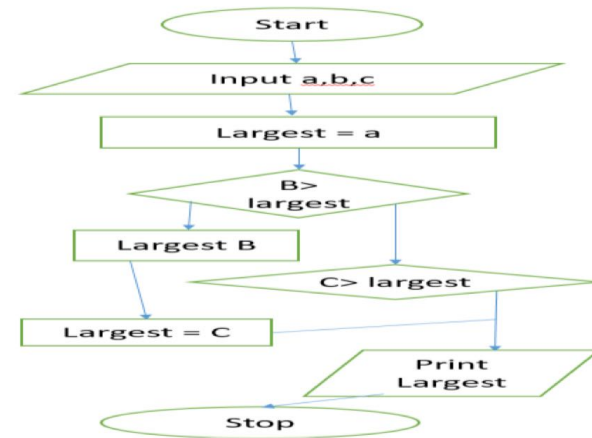


PROBLEM 3.1.1

Flowchart



Algorithm

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

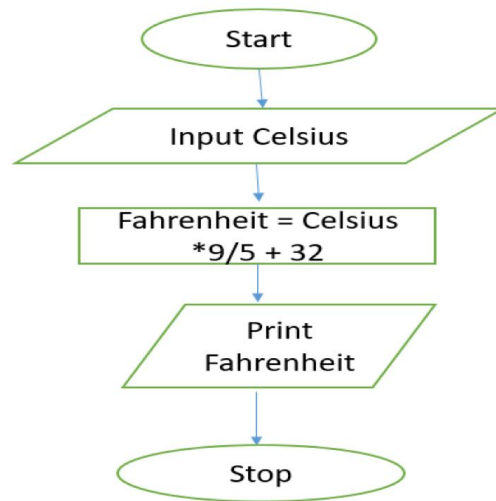
The screenshot shows a web-based code editor interface. On the left, there's a sidebar with the title "3.1.1. Largest of Three Numbers" and a timer "01:56". Below the title, it says "Write a Python program that prompts the user to enter three integers. Print the largest of the three integers." It also includes "Input Format:" and "Output Format:" instructions. The main area shows a Python script in a file named "largestNu...". The script is as follows:

```
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
9 print(largest)
```

At the bottom, a status bar indicates "YOUR PROGRAM HAS ENDED".

PROBLEM 3.1.2

Flowchart



Algorithm

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

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

End

The screenshot shows a web-based code editor interface. On the left, a sidebar contains the problem title '3.1.2. Celsius to Fahrenheit', a description 'Write a Python program to convert temperature from Celsius to Fahrenheit.', the formula $\text{Fahrenheit} = (\text{Celsius} \times \frac{9}{5}) + 32$, and input/output format instructions. The main editor area shows a Python script with three lines: `celsius = float(input())`, `fahrenheit = (celsius * 9/5) + 32`, and `print(f'{fahrenheit:.2f}')`. The output window at the bottom displays the input '34' and the formatted output '93.20', followed by a message '== YOUR PROGRAM HAS ENDED =='.