

## PPS Lab : 3.1.1

Algorithm :

**Step 1:** Start

**Step 2:** Input number A1

**Step 3:** Input number A2

**Step 4:** Input number A3

**Step 5:** If  $A1 > A2$  then go to Step 6, else go to Step 8

**Step 6:** If  $A1 > A3$  then print A1

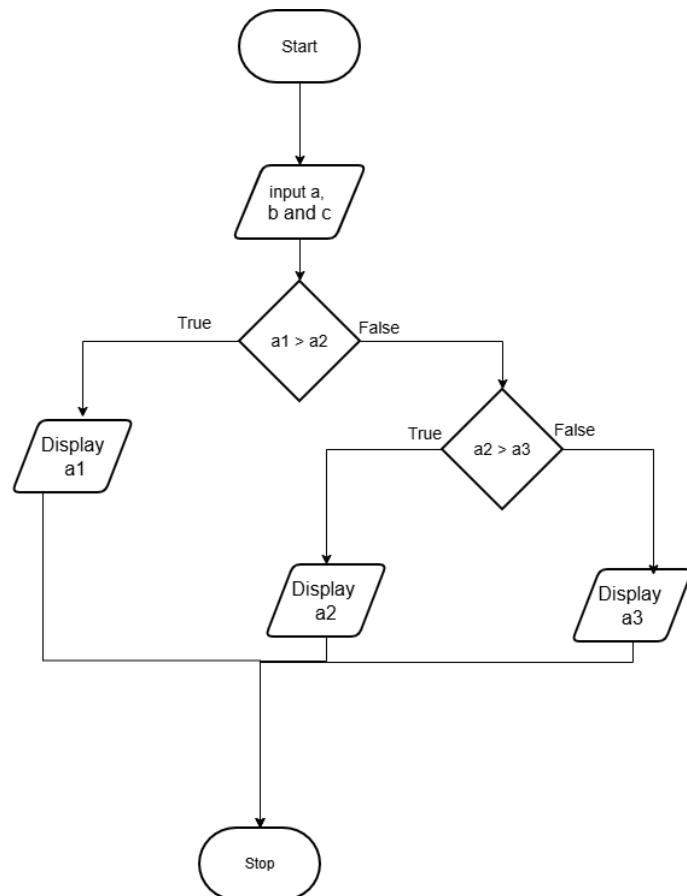
**Step 7:** Else print A3 and go to Step 10

**Step 8:** If  $A2 > A3$  then print A2

**Step 9:** Else print A3

**Step 10:** Stop

Flowchart:



## 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.

```
1 a1=int(input())
2 a2=int(input())
3 a3=int(input())
4 if(a1>a2):
5   if(a1>a3):
6     print(a1)
7   else:
8     print(a3)
9 elif(a2>a3):
10   print(a2)
11 else:
12   print(a3)
```

Average time  
**0.022 s**  
22.25 ms

Maximum time  
**0.050 s**  
50.00 ms

✓ 2 out of 2 shown test case(s) passed  
✓ 2 out of 2 hidden test case(s) passed

Debug

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Sample Test Cases

✓ Test case 1 (50ms)  
Expected output  
5  
6  
7  
7

Actual output

5  
6  
7  
7

< Prev Reset Submit Next >