

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

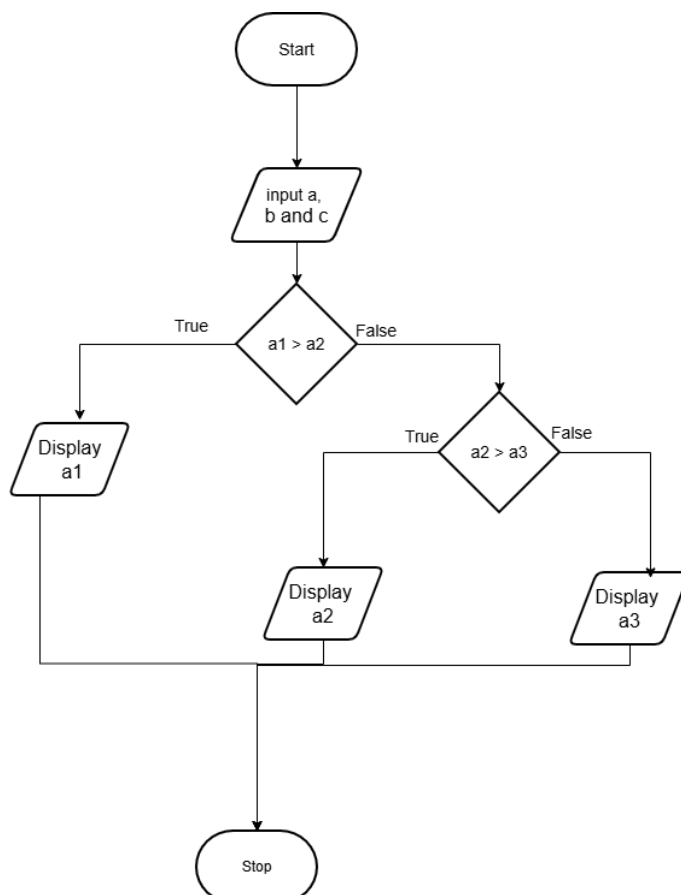
Step 7: Else print A3 and go to Step 10

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

Step 9: Else print A3

Step 10: Stop

Flowchart:



3.1.1. Largest of Three Numbers

03/37

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

Explorer

```
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

Test case 1 50 ms

Expected output

5
6
7
7

Actual output

5
6
7
7

Test case 2 14 ms