

# EXPERIMENT - 3

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## 3.1.1] Largest of Three Numbers

### ALGORITHM

Step 1:- Start

Step 2:- Read first integer a

Step 3:- Read second integer b

Step 4:- Read third integer c

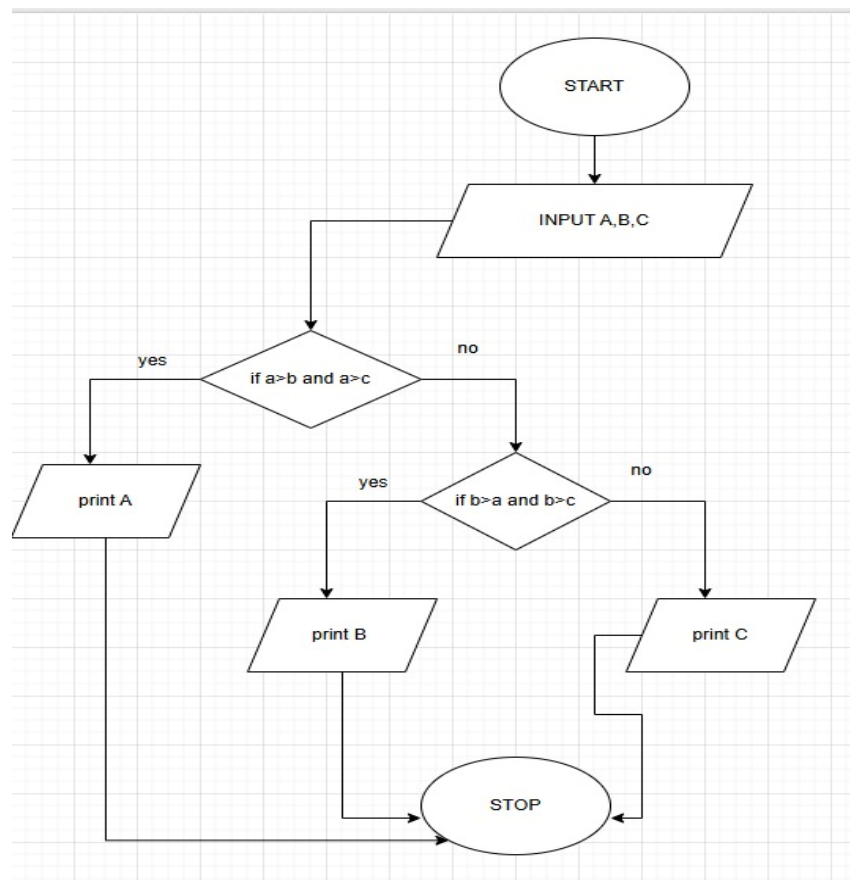
Step 5:- If a is greater than b and a is greater than c, then print a

Step 6:- Else if b is greater than a and b is greater than c, then print b

Step 7:- Else print c (means c is the largest)

Step 8:- Stop

### FLOWCHART



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## PYTHON CODE

```
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)
```

## EXECUTION

The screenshot displays the CODETANTRA IDE interface. On the left, the problem statement for '3.1.1. Largest of Three Numbers' is shown, including input and output formats. The main editor on the right contains the Python code for finding the largest number. Below the code, the execution results are displayed, showing that 2 out of 2 shown test cases and 2 out of 2 hidden test cases passed. A detailed view of Test case 1 shows the expected output (5, 6, 7) matching the actual output (5, 6, 7).

**3.1.1. Largest of Three Numbers** 03:34

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 +

**largestNu...** Submit

```
1 a = int(input())
2 b = int(input())
3 c = int(input())
4
5 if a>b and a>c:
6     print(a)
7 elif b>a and b>c:
8     print(b)
9 else:
10    print(c)
```

Average time: 0.011 s (10.75 ms) | Maximum time: 0.013 s (13.00 ms)

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

Test case 1 13 ms

Expected output	Actual output
5	5
6	6
7	7
7	7

Test case 2 11 ms

Terminal | Test cases

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