

# 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

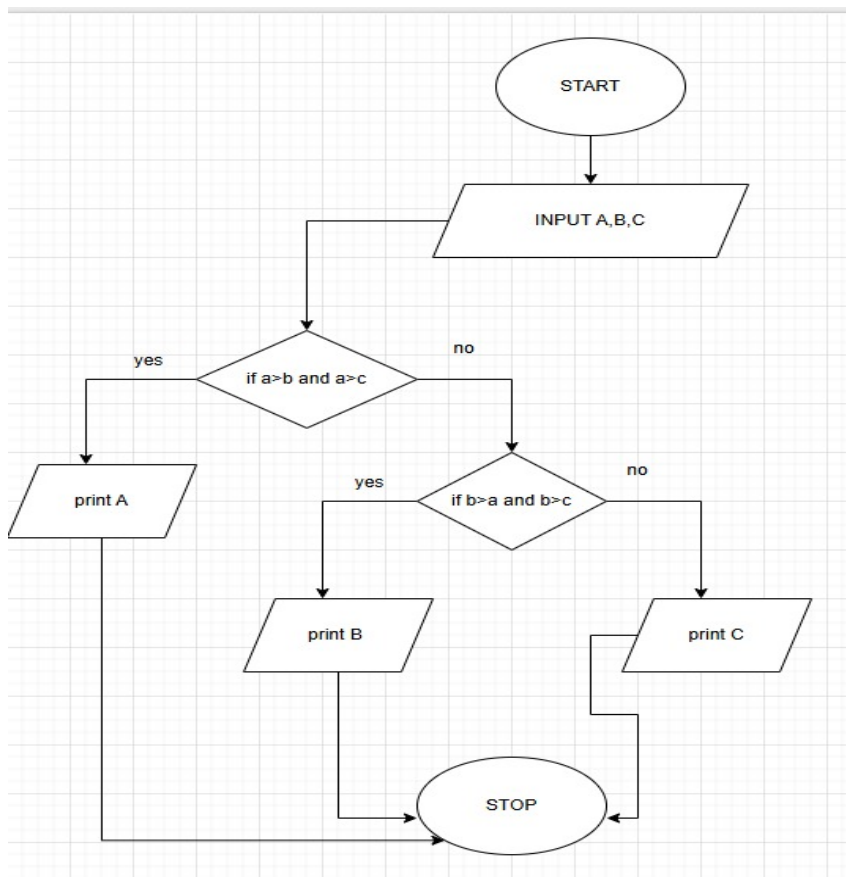
Step 5:- If a is greater than b and a is greater than c, then print a

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)
```

## EXCECUTION

The screenshot displays the CodeTANTRA IDE interface. On the left, the problem statement for '3.1.1. Largest of Three Numbers' is visible, including input and output formats. The main editor shows the Python code for finding the largest number. The right sidebar displays the execution results, including a table of test cases and a comparison of expected vs. actual output.

**Problem Statement:** 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.

**Sample Test Cases**

**Execution Results:**

Average time	Maximum time	Test Results
0.007 s	0.008 s	2 out of 2 shown test case(s) passed
6.75 ms	8.00 ms	2 out of 2 hidden test case(s) passed

**Test case 1:**

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

Buttons at the bottom: [c Prev](#), [Reset](#), [Submit](#), [Next >](#)