

EXPERIMENT - 3

Name : Kanhaiya Tyagi
25070521157

PRN :

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

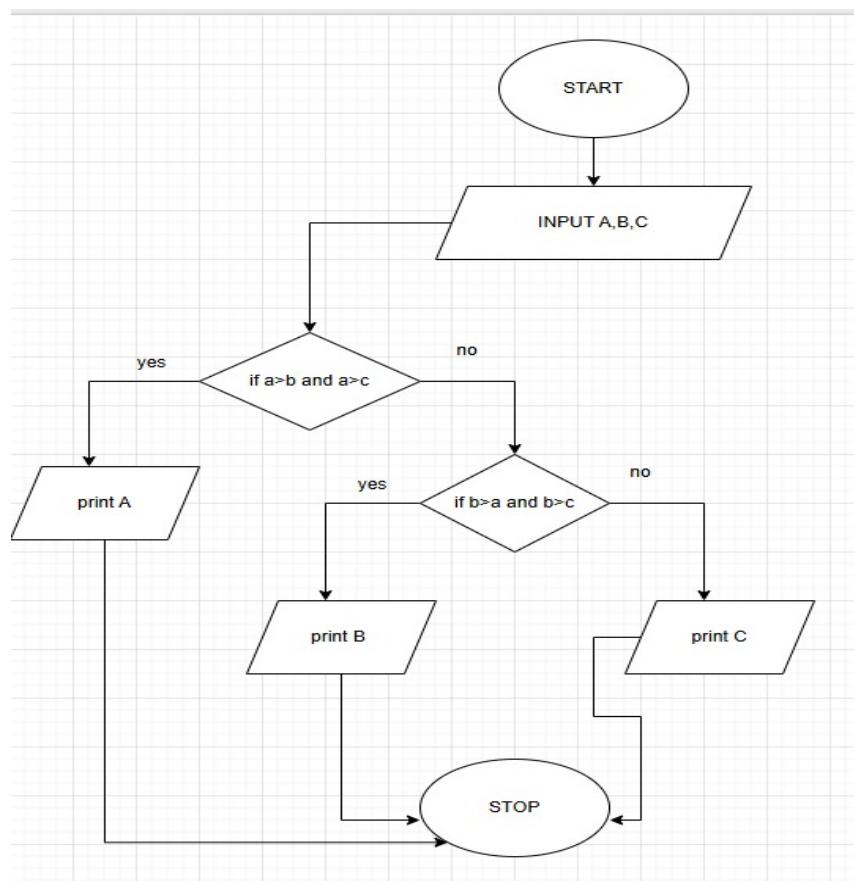
Step 5:- If a is greater than b and a is greater than c, then print a

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



EXPERIMENT - 3

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 shows the CodeTantra IDE interface. The code editor contains a Python script named 'largestNu...' which reads three integers from input and prints the largest one. The code is:

```
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)
```

The execution results show that the program passed 2 out of 2 shown test cases and 2 out of 2 hidden test cases. The average time was 0.007 s and the maximum time was 0.008 s.

Average time	Maximum time
0.007 s	0.008 s
6.75 ms	8.00 ms

Test case 1: Expected output [5, 6, 7] and Actual output [5, 6, 7]. Test case 2: Expected output [5, 6, 7] and Actual output [5, 6, 7].