EXPERIMENT 3.1.1

3.1.1Largest of three numbers

ALGORITHM:

Step 1 : Start

Step 2 : Input n1,n2,n3

Step 3 : If n1 > n2 and n1 > n3

      Print n1 is largest

elif n2 > n1 and n3 > n2

print n2 is the largest
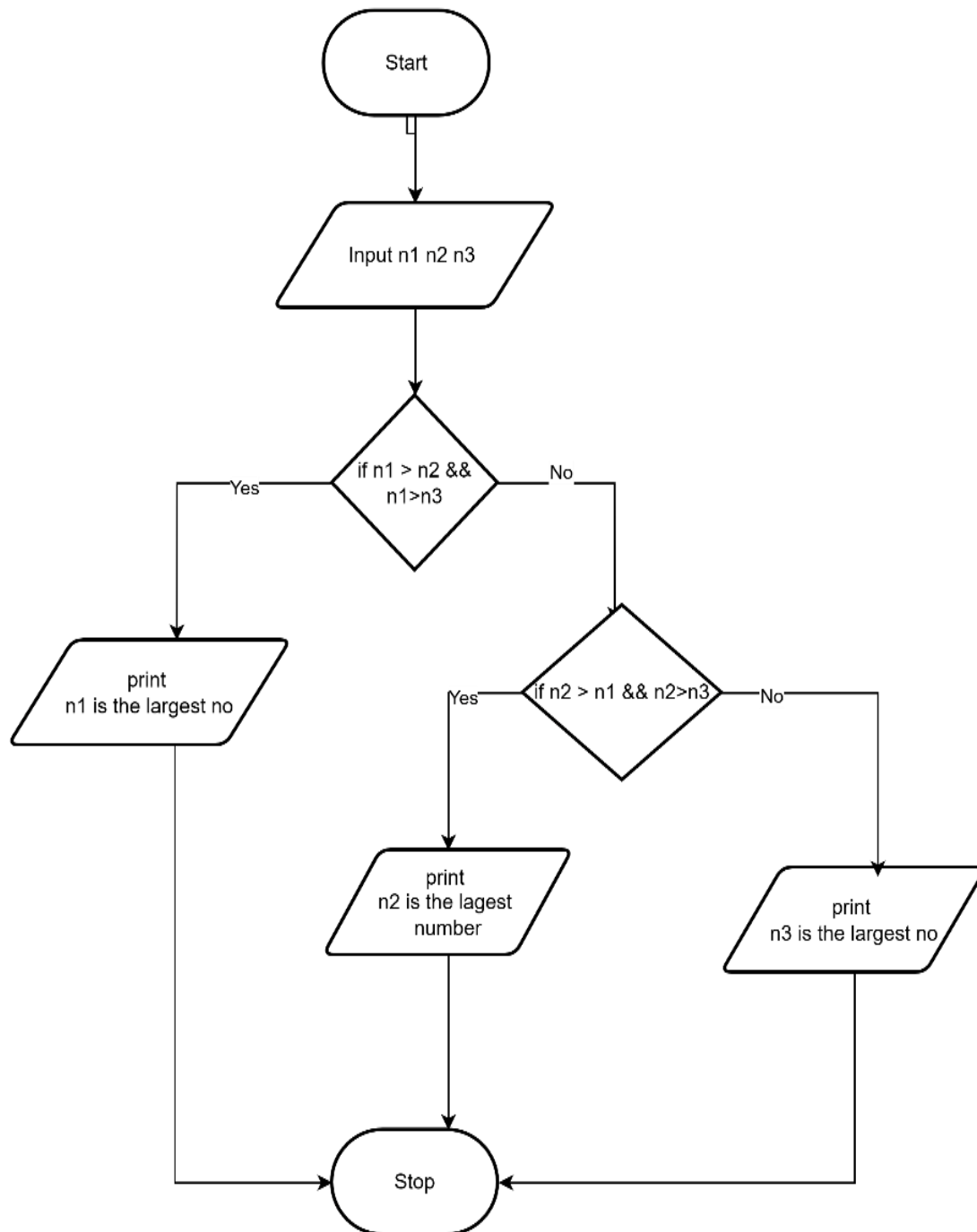
      else   print n3 is

the largest   loop end

Step 4 : Stop

Code:

```
a = int(input())
b = int(input())
c = int(input())
if a>c and a>b:
        print(a)
elif b>c and b>a:
        print(b)
else:
        print(c)
```

FlowChart:

```
                          ┌─────────┐
                          │  Start  │
                          └────┬────┘
                               │
                          ┌────▼──────────┐
                         /  Input n1 n2 n3 /
                        └──────┬──────────┘
                               │
                          ◇ if n1 > n2 &&
            Yes ──────────   n1>n3   ────────── No
             │                                    │
      ┌──────▼──────┐                        ◇ if n2 > n1 && n2>n3
     /    print      /              Yes ──────              ────── No
    /  n1 is the largest no /        │                                │
   └───────┬──────────┘      ┌───────▼──────┐              ┌───────▼──────┐
           │                /    print        /            /    print        /
           │               /  n2 is the lagest /          /  n3 is the largest no /
           │              /    number          /          └────────┬─────────┘
           │             └────────┬─────────┘                      │
           │                      │                                │
           │                 ┌────▼────┐                           │
           └─────────────────►  Stop   ◄──────────────────────────┘
                             └─────────┘
```

3.1.1. Largest of Three Numbers

02:02 AA ☾ ✎ 🔗 —

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...

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

Average time	Maximum time
0.009 s	**0.012 s**
8.75 ms	12.00 ms

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

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

✔ Test case 1 12 ms   🐞 Debug ≡ ⊞ ^

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

✔ Test case 2 9 ms

▸ Terminal   ⊞ Test cases

‹ Prev Reset Submit Next ›