Experiment – 3

3.1.1   Largest of Three Numbers

- Algorithm

STEP 1 : Start

STEP 2 : Input a, b, c

STEP 3 : if a>b && a>c :

Print a is largest
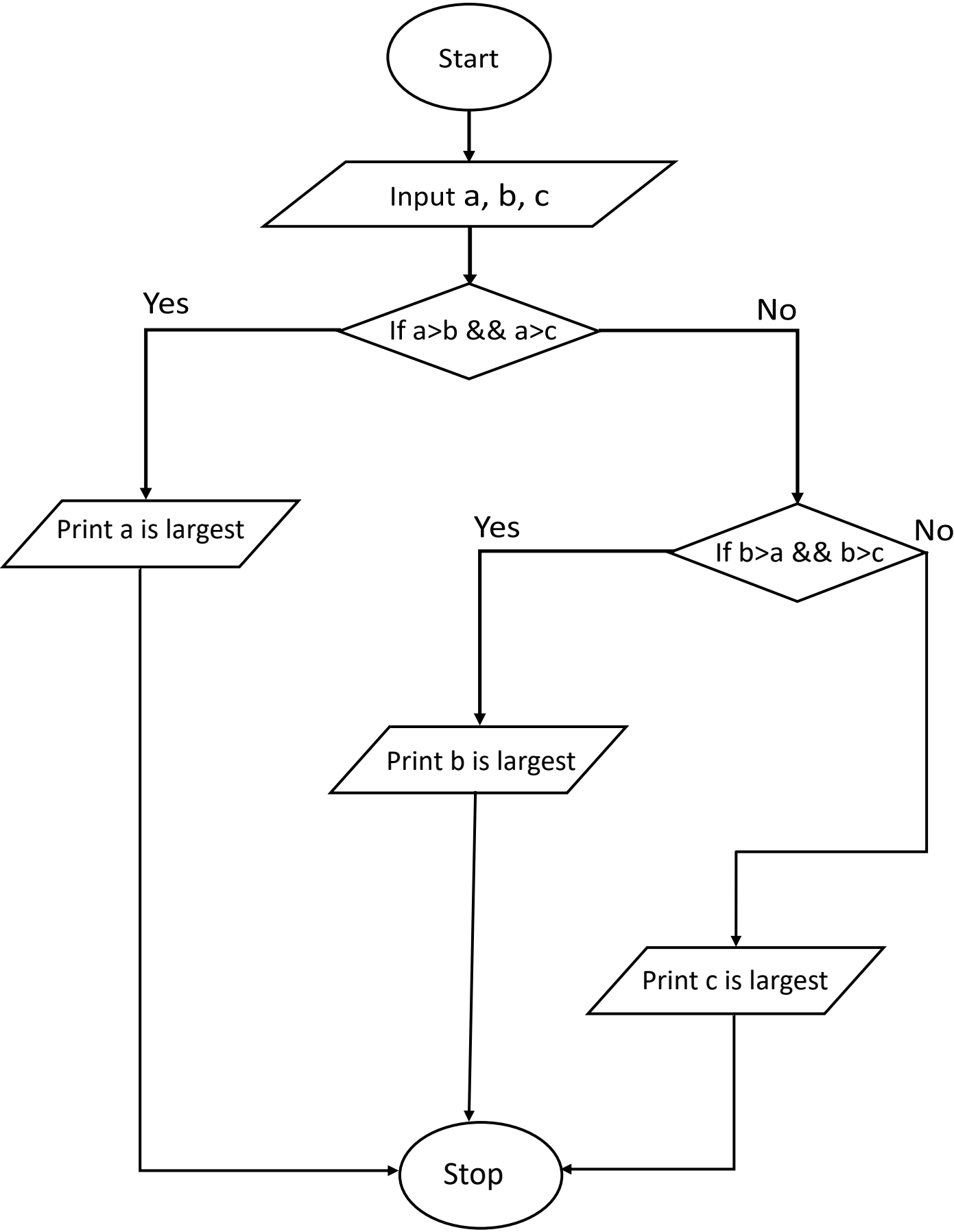
else if b>a && b>c :

Print b is largest

else :

Print c is largest

STEP 4 : Stop

• Flowchart


```
                    ( Start )
                        |
                        v
            / Input a, b, c /
                        |
                        v
Yes  <---  < If a>b && a>c >  --->  No
  |                                   |
  v                                   v
/ Print a is largest /    Yes <--- < If b>a && b>c > ---> No
  |                        |                               |
  |                        v                               |
  |              / Print b is largest /                    |
  |                        |                               v
  |                        |                  / Print c is largest /
  |                        |                               |
  |                        v                               |
  +---------------------> ( Stop ) <----------------------+
```

- 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)
elif (c>a and c>b):
    print(c)
```

- Execution