

3.1.1 Largest of three numbers

Algorithm

Step 1:- Start

Step 2:- Input three numbers A, B, and C

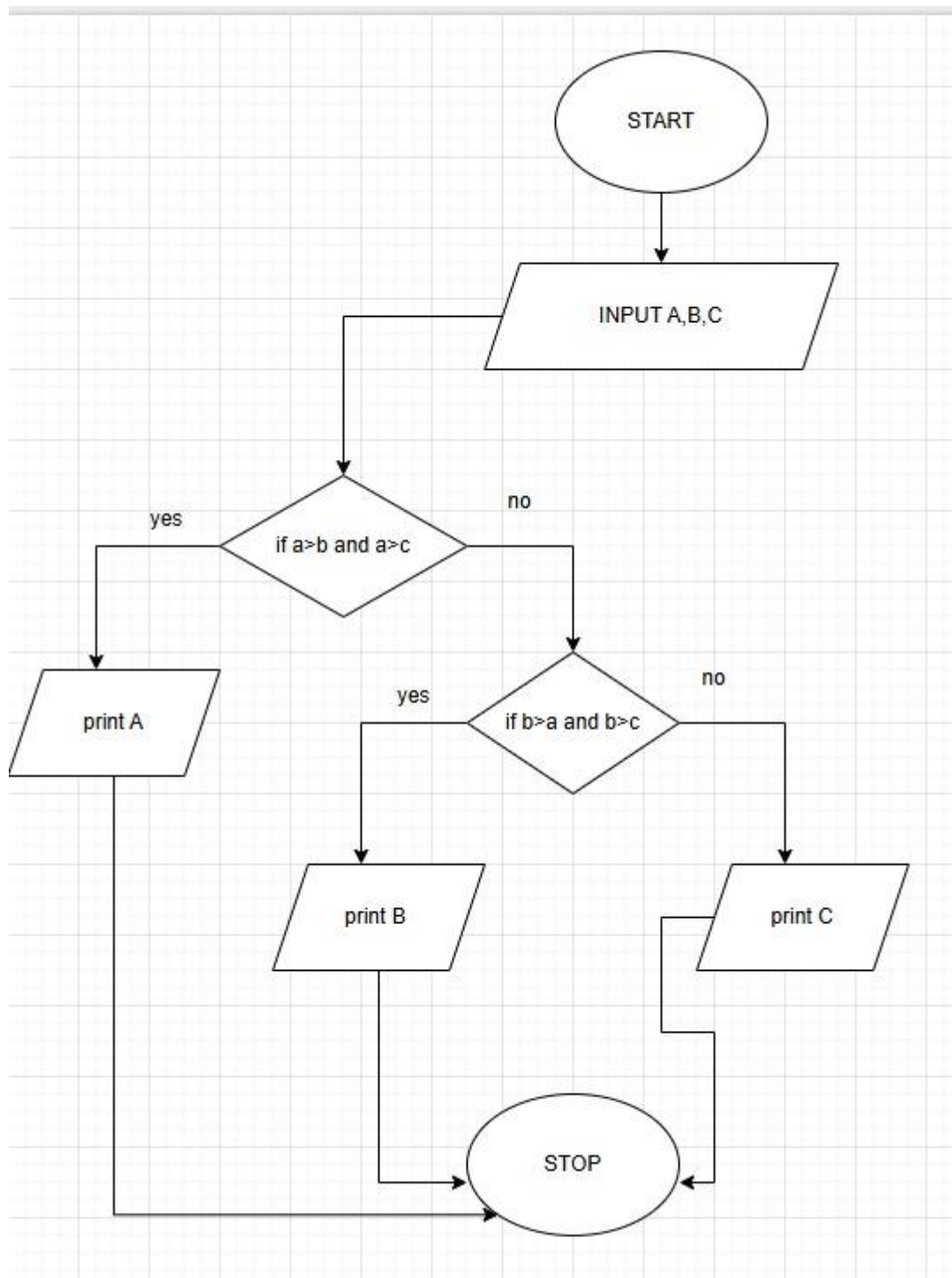
**Step 3:- If $A \geq B$ and $A \geq C$,
→ Display A as the largest**

**Step 4:- Else if $B \geq A$ and $B \geq C$,
→ Display B as the largest**

**Step 5:- Else,
→ Display C as the largest**

Step 6:- Stop

FLOWCHART



PYTHON CODE

```
a=int(input())
```

```
b=int(input())
```

```
c=int(input())  
print(max(a,b,c))
```

EXECUTION

The screenshot displays the CDETANTRA online code editor interface. On the left, the problem statement for "1.1.1. Largest of Three Numbers" is visible, requiring a Python program to find the maximum of three integers. The input and output formats are specified. The main editor area shows the following Python code:

```
1 a=int(input())  
2 b=int(input())  
3 c=int(input())  
4 print(max(a,b,c))
```

Below the code editor, the execution results are shown. The average time is 0.016 s and the maximum time is 0.023 s. The program passed 2 out of 2 shown test cases and 2 out of 2 hidden test cases. A table compares the expected output with the actual output for three test cases:

Expected output	Actual output
5	5
6	6
7	7

At the bottom, there are buttons for "Previous", "Reset", "Submit", and "Next".