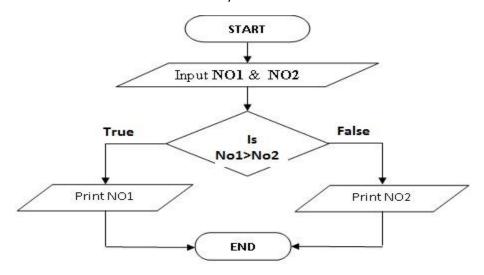


## Flow chart (Questions)

Symbol	Name	Function
	Start/end	An oval represents a start or end point
<b>→</b>	Arrows	A line is a connector that shows relationships between the representative shapes
	Input/Output	A parallelogram represents input or output
	Process	A rectangle represents a process
	Decision	A diamond indicates a decision

1. Make a flow chart to identify maximum of two numbers.



2. Make a flowchart for Add two numbers and print output.



## Flow chart and Algorithms(Questions)

- 3. Write an algorithm to add two numbers.
  - Step 1: Start
  - Step 2: Declare variables num1, num2 and sum.
  - Step 3: Read values num1 and num2.
  - Step 4: Add num1 and num2 and assign the result to sum.

sum←num1+num2

Step 5: Display sum

Step 6: Stop

- 4. Write an algorithm to find the largest among three different numbers entered by the user.
  - Step 1: Start
  - Step 2: Declare variables a, b and c.
  - Step 3: Read variables a, b and c.
  - Step 4: If a > b

If a > c

Display a is the largest number.

Else

Display c is the largest number.

Else

If b > c

Display b is the largest number.

Else

Display c is the greatest number.

Step 5: Stop

- 5. Write an algorithm to check whether a number entered by the user is prime or not.
- 6. Write an algorithm to find the Fibonacci series till term≤500.
- 7. Write an algorithm to find the factorial of a number.
- 8. Make a flow chart to find given number is even or odd.
- 9. Draw a flowchart to log in to facebook account.

## Home work

- 10. Draw flowchart to find the largest among three different numbers entered by user.
- 11. Make a flow chart for following:
  - First asks the user to enter a number between 1 and 10. Verify that whether the number is between 1 and 10. Print an error message, if not so. Once verified, print the cube of the number, if it is odd, or multiply it by 5, if it is even.
- 12. Make a flow chart sum of digits of given number.



## Tutorials on Flowcharts and Algorithms

13. Make a flow chart to find number is prime or not.