# FLOW CHART

# Components of Flow Chart

| Symbol | Symbol Name | Purpose |
| --- | --- | --- |
| | Start/Stop | Used at the beginning and end of the algorithm to show start and end of the program. |
| | Process | Indicates processes like mathematical operations. |
| | Input/ Output | Used for denoting program inputs and outputs. |
| | Decision | Stands for decision statements in a program, where answer is usually Yes or No. |
| | Arrow | Shows relationships between different shapes. |

# Questions

- Q1. Add Two Numbers
- Q2. Simple Interest Calculation
- Q3. Check Whether a Number is Odd or Even
- Q4. Find the Maximum of Two Numbers
- Q5. Find the Maximum of Three Numbers
- Q6. Grade Card Program (Based on Marks)
- Q7. Print Counting from 1 to N
- Q8. Find the Sum of N Natural Numbers

- Q9. Print the Multiplication Table of 7
- Q10. Find the Factorial of a Number
- Q11. Print All Even Numbers from 1 to 100 using a Loop
- Q12. Find the Sum of Digits of a Given Number using a Loop
- Q13. Reverse a Number using a While Loop

# Pseudo Code

- A Pseudocode is a step-by-step description of an algorithm in code-like structure using plain English text.

# Assignment