Practical work _2

Exercise 01:

- Write an algorithm and draw a flowchart to obtain the factorial of 4.
- Write an algorithm and draw a flowchart to obtain the factorial of N.

Exercise 02:

- Write an algorithm and draw a flowchart to find the area of (N) circles. Input the circles (N, R) and print the result. Use the general form.
- Create a trace table using the following inputs: (Assume N to be 5 and the set of R values to be the numbers {1 2 3 6 8 }).

Exercise 03:

- Write an algorithm and draw a flowchart that shows how the digital clock is work.

Exercise 04:

- Write an algorithm and draw a flowchart to find even numbers from 0 to 10.
- Verify your result by a trace table.

Exercise 05:

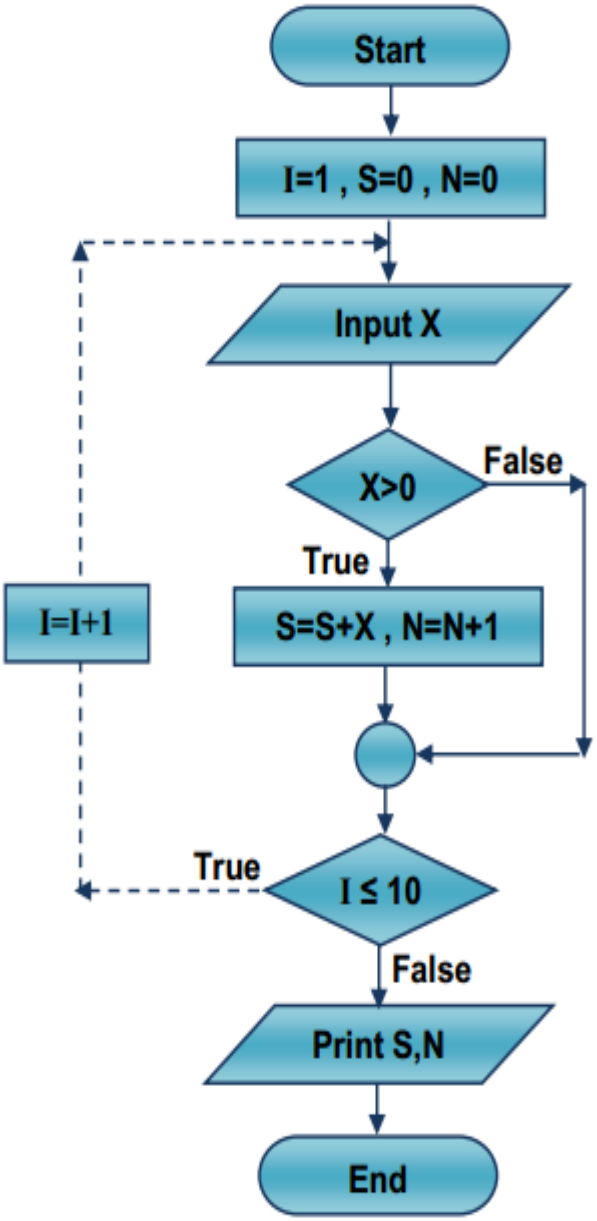
- Write an algorithm and draw a flowchart to print number of even and odd numbers for N entered numbers. Read numbers one by one.
- Verify your result by a trace table. (Assume N to be 5 and the following set to be the numbers {1 6 2 3 8 })

Exercise 06:

- Draw a flowchart to add even numbers from 0 to 7.
- Verify your result by a trace table.

Exercise 07:

- Discuss the following flowchart and show their purposes and final results.
- Verify your result by a trace table.



Exercise 08:

- Discuss the following flowchart and show their purposes and final results.
- Verify your result by a trace table.