**ASSIGNMENT NO: 1**

**AIM:**

1. Write an algorithm and draw a flowchart to Calculate the volume and area of sphere using the formulas V=4\* Pi\*r3 /3 and A=4\*pi\*r2 where r is radius of square of the sphere.

**OBJECTIVE:**

1. To understand importance of flowchart for any programming model.
2. To learn simple flowchart symbols and arrows to define relationships.
3. To understand and develop visual representations of the flow of data.

**THEORY:**

Draw and explain following basic flowchart symbols-

1. Terminal
2. Input/output
3. Decision
4. Flow lines
5. Connectors

# PLATFORM: 64 –bit Open source Linux/ Windows.

**INPUT:** Any programming model.

**OUTPUT:** Respective flowchart.

**CONCLUSION:** Thus, learn formalized graphic representation of a given logical sequence.

**FAQ:**

1. Enlist various rules to draw flowchart.
2. How to indicate timeframe on a flowchart?
3. How to show responsibilities on a flowchart?