Objective:

- To get a grip on problem solving based on sequence statements.

Devise Solution of the following problems using Pseudo Code

1. Input four numbers and display sum of these.

2. Input marks of five subjects of a student and calculate its average.

3. Input radius of circle and calculate area of circle.

4. Take input from user about temperature in Celsius and display on screen the equivalent Fahrenheit temperature.

5. Calculate the pay of an employee, given the hours worked and rate per hour.

6. A painter wants to know the amount of paint needed to paint only the four walls. Each wall has same rectangular area. The chosen paint covers 100 square feet per gallon.

7. Bob would like to know what percentage of his income his rent is. Write a pseudo code which will calculate and print the required percentage.

8. Write pseudo code to calculate circumference of circle.

9. Write a program that input a number and prints a multiplication table for the entered number up to 10.
   Sample Run:
   ```
   Enter Table Number: 5
   5 * 1 = 5
   5 * 2 = 10
   5 * 3 = 15
   5 * 4 = 20
   5 * 5 = 25
   5 * 6 = 30
   5 * 7 = 35
   5 * 8 = 40
   5 * 9 = 45
   5 * 10 = 50
   ```

10. Jim is going to replant his lawn. He would like to know how much the sod will cost, given cost of the sod per square feet and the length and width of two different lawn areas in feet. Write a solution to calculate this cost.