**DAY – 01**

**Assignment 1 :-**

**Pseudocode Development – Task :-** Write a detailed pseudocode for a simple program that takes a number as input, calculates the square if it's even or the cube if it's odd, and then outputs the result. Incorporate conditional and looping constructs.

**Solution :-**

Start

input number

read the input

if the input is even then // if(number%2 == 0)

square = number\*number

print the square

else

cube=number\*number\*number

print the cube

end