**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 :-**

1. Start

2. Declare a variable num and take its input

3. Check num is odd or even by

if(num%2 == 0)

num = num\*num

else

num = num\*num\*num

4. print num

5. End