**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.**

Begin

Prompt the user to enter a number

Read the input number

If the number is even Then

Set result to the square of the number

Else

Set result to the cube of the number

End If

Output the result

  End

**Flow Chart:**

