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.

**Pseudocode**

Function main

Pass In :number

set result as 0

Check if(n % 2 == 0)

Calculate result = n\*n;

Else

result = n\*n\*n

Pass Out :result

Endfunction

**Algorithm**

1.Start

2.Accept number as input from user

3.Set result = 0

4.Check

if(n % 2 == 0)

Calculate result = n\*n;

Else

result = n\*n\*n

5.Print result

**Flowchart**

