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.

INPUT number

IF (number % 2 == 0)

number = number \* number

ELSE

number = number \* number \* number;

END IF

DISPLAY number