**PROGRAM 11:**

**In a class of Grade 3, Mathematics Teacher asked for the Acronym PEMDAS?. All of them are thinking for a while. A smart kid of the class Kishore of the class says it is Parentheses, Exponentiation, Multiplication, Division, Addition, Subtraction. Can you write a C Program to help the students to understand about the** **operator precedence parsing for an expression containing more than one operator, the order of evaluation depends on the order of operations.**

Code:-

#include <stdio.h>

#include <math.h>

int main() {

double result;

double a = 5, b = 3, c = 2;

result = (a + b) \* c - pow(b, 2);

printf("Result: %.2f\n", result);

return 0;

}

OUTPUT:-

