EX 4 **DATE:**	**PROGRAM TO PERFORM THE CALCULATOR OPERATIONS, NAMELY, ADDITION, SUBTRACTION, MULTIPLICATION, DIVISION AND SQUARE OF A NUMBER**

AIM:

To perform the Calculator operations, namely, addition, subtraction, multiplication, division and square of a number

ALGORITHM:

Step1 : Start the program

Step 2 : Declare the functions

Step 3: Get the input values

Step 4: Perform the operations using functions

Step 5: Print the results

Step 6: Stop the program

PROGRAM:

#include<stdio.h>

// functions declaration int

add(int n1, int n2); int

subtract(int n1, int n2); int

multiply(int n1, int n2); int

divide(int n1, int n2); int

square(int n1); // main

function int main()

```c
    {
int num1, num2;

    printf("Enter two numbers: ");

        int result;

        result = n1 * n2; return

        result;

    }

    // function to divide two integer numbers int

    divide(int n1, int n2)

    {
int result;

        result = n1 / n2; return

        result;

    }

    // function to find square of a number int

    square(int n1)

    {

        int result; result =

    n1*n1;        return

    result; }
```

OUTPUT:

Enter two numbers: 20 5

20 + 5 = 25

20 – 5 = 15

20 * 5 = 100

20 / 5 = 4

20^20 = 400

RESULT

Thus the C Program to perform the Calculator operations, namely, addition, subtraction, multiplication, division and square of a number has been executed and results are verified.