**Calculator program in C :**

#include<stdio.h>

int add ( int num1, int num2);

int substract (int num1, int num2);

int multiply ( int num1,   int num2);

int division (int num1,int num2);

int main ()

{

int num1, num2,  total, N,result;

printf("Enter the option :: \n 1. Add \n 2. Sub \n 3. Multi \n 4. Div \n");

scanf("%d", &N);

printf("Enter the value of num1::");

scanf("%d", &num1);

printf("Enter the value of num2::");

scanf("%d", &num2);

switch(N)

{

     case 1:

  result= add (num1, num2);

     break;

    case 2:

 result= substract (num1, num2);

     break;

    case 3:

result= multiply (num1, num2);

    break;

    case 4:

    result = division (num1,num2);

    break;

    default:

    printf("Invalid Ouput");

    }

   printf("The ans is : %d",result);

}

int add (int num1, int num2)

{

   return num1+num2;

}

int substract (int num1, int num2)

{

       return num1-num2;

}

int multiply (int num1, int num2)

{

       return num1\*num2;

}

int division (int num1, int num2)

{

       return num1/num2;

}