C PROGRAM FOR CALCULATOR PROGRAM:

#include <stdio.h>

int main()

{

char operator;

double num1, num2, result;

printf("Enter an operator (+, -, \*, /): ");

scanf("%c", &operator);

printf("Enter two numbers: ");

scanf("%lf %lf", &num1, &num2);

}

switch(operator)

{

case '+':

result = num1 + num2;

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

break;

case '-':

result = num1 - num2;

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

break;

case '\*':

result = num1 \* num2;

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

break;

case '/':

if(num2 != 0) {

result = num1 / num2;

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

}

Else

{

printf("Error! Division by zero is not allowed.\n"); }

break

default:

printf("Error! Invalid operator.\n");

}

return 0;

}