Calculator switch case in C

#include<stdio.h>

int main()

{

int a,b;

char op;

printf("Enter a number 1:");

scanf("%d",&a);

printf("Enter a number 2:");

scanf("%d",&b);

printf("Enter a char:");

scanf("\n %c",&op);

switch (op)

{

case '+':

printf("sum=%d",a+b);

break;

case '-':

printf("diff=%d",a-b);

break;

case '\*':

printf("product=%d",a\*b);

break;

case '/':

printf("quotient=%d",a/b);

break;

default:

printf("Invalid operator");

}

return 0;

} 