#include <stdio.h>

int main()

{

char operator;

float num1,num2,result,invalid;

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

scanf("%c",&operator);

printf("enter two numbers:\n");

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

switch (operator){

case'+':

result=num1+num2;

printf("%2f=%2f+%2f",num1,num2,result);

break;

case'-':

result=num1-num2;

printf("%2f=%2f-%2f",num1,num2,result);

break;

case'\*':

result=num1\*num2;

printf("%2f=%2f\*%2f",num1,num2,result);

break;

case'/':

result=num1/num2;

if(num2==0){

printf("error");

}

else

{

printf("%2f=%2f/%2f",num1,num2,result);

}

break;

default:

printf("invalid operator");

}

return 0;

}

**Output**:

*enter an operator(+,-,\*,/): \**

*enter two numbers:*

*126*

*59*

*126.000000=59.000000\*7434.000000*

*...Program finished with exit code 0*

*Press ENTER to exit console.*

***Date:11/03/23***