~\Desktop\CPROGRAMMES\calc.c

```c
#include<stdio.h>
#include<math.h>
int main(){
    char choice;
    float a,b;
    printf("press / for division\npress * for multiplication\npress + for addition\npress -
for subtraction\npress L for log\npress S for square root\n");
    printf("enter your choice\n");
    scanf("%c",&choice);
    printf("provide two values\n");
    scanf(" %f %f",&a,&b);
    switch(choice){
        case '/':printf("division of 2 numbers is %0.2f",a/b);
        break;
        case '*':printf("multiplication of 2 numbers is %0.2f",a*b);
        break;
        case '+':printf("addition of 2 numbers is %0.2f",a+b);
        break;
        case '-':printf("subtraction of 2 numbers is %0.2f",a-b);
        break;
        case 'L':printf("log of 2 numbers is %0.2f and %0.2f",log10(a),log(b));
        break;
        case 'S':printf("square root of 2 numbers is %0.2f and %0.2f",pow(a,2),pow(b,2));
        break;
        default:printf("invalid choice");
        break;
    }



}
```