

PROBLEM#04

Q :Write a program for calculator using **switch case** statements.

SOURCE CODE:

```
#include <stdio.h>

int main(){

    char op;

    float num1,num2,add,sub,mul,div;

    //heading
    printf("\n\t\t*****\t CALCULATOR \t*****\t\n");

    //input operator
    printf("\n Enter Operator <+,-,*,/> :");
    scanf("\n %c",&op);

    //input number one
    printf("\n Enter Number 1 : ");
    scanf("%f",&num1);

    //input number two
    printf("\n Enter Number 2 : ");
    scanf("%f",&num2);

    switch(op)
    {

        case '+':

            add= num1 + num2;

            printf("\n\t\t*****\t ANSWER \t*****\t\n");
```

```

printf("\n The Addition of these numbers are : %.0f",add);

break;

case '-':

sub= num1 - num2;

printf("\n\t\t*****\t ANSWER \t*****\t\n");

printf("\n The Subraction of these numbers are : %.0f",sub);

break;

case '*':

mul = num1 * num2;

printf("\n\t\t*****\t ANSWER \t*****\t\n");

printf("\n The Multiplication of these numbers are : %.0f",mul);

break;

case '/':

div = num1 / num2;

printf("\n\t\t*****\t ANSWER \t*****\t\n");

printf("\n The Division of these numbers are : %.2f",div);

break;

default:

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

}

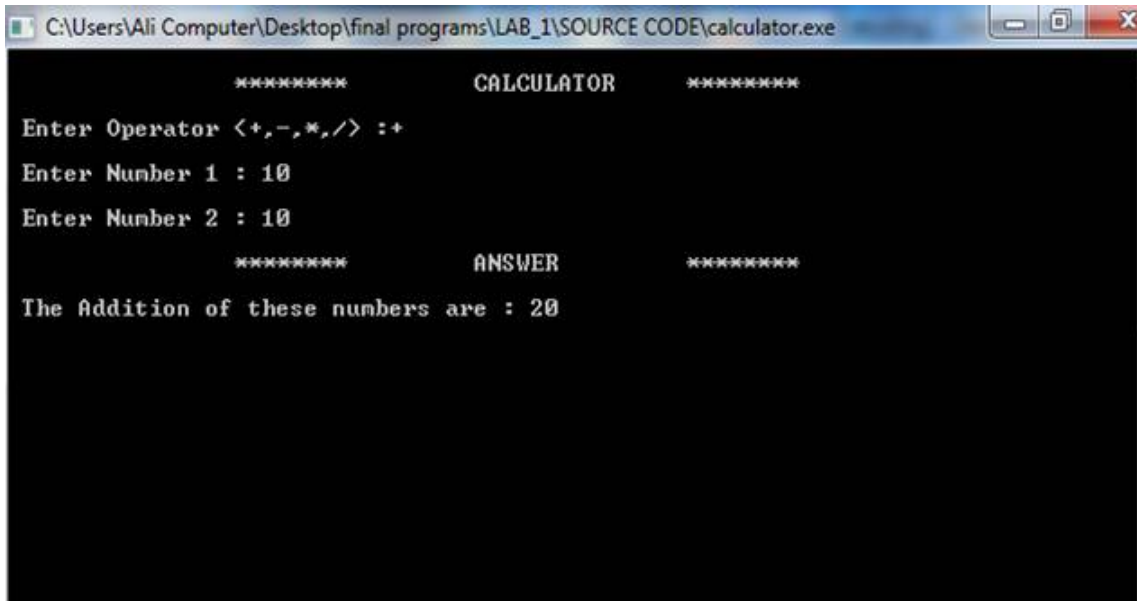
getche();

return 0;

}

```

OUTPUT:



```
C:\Users\Ali Computer\Desktop\final programs\LAB_1\SOURCE CODE\calculator.exe

*****      CALCULATOR      *****
Enter Operator <+,-,*,> :+
Enter Number 1 : 10
Enter Number 2 : 10

*****      ANSWER      *****
The Addition of these numbers are : 20
```

Kashan Ali Khan(BS-SE)