

# Lab-2

Date : 10/09/2025

//21. PROGRAM TO READ TWO NOS. AND PERFORM SPECIFIC TASK (USING ARITHMETIC OPERATOR)AND THIS PERFORM USING SWITCH-CASE. (CASE IN CHAR FORM).

```
#include<stdio.h>

int main()
{ char o;

  float a,b,c;

  printf("enter value of a= ");

  scanf("%f",&a);

  printf("enter value of b= ");

  scanf("%f",&b);

  printf("enter required operation between a and b:");

  scanf(" %c",&o);

  switch (o)
  { case '+':

    c=a+b;

    break;

    case '-':

    c=a-b;

    break;

    case '*':

    c=a*b;

    break;

    case '/':

    c=a/b;

    break;

  }

  printf("%f %c %f=%f",a,o,b,c);

}
```

C 18.cC 19.cC 20.cC 21.cX C 23.cC 17.c

C 21.c > main()

```
1 //21. PROGRAM TO READ TWO NOS. AND PERFORM SPECIFIC TASK
2 // (USING ARITHMETIC OPERATOR)AND THIS PERFORM USING SWITCH-EASE.
3 // (CASE IN CHAR FORM).
4
5 #include<stdio.h>
6 int main()
7 {
8     char o;
9     float a,b,c;
10    printf("enter value of a= ");
11    scanf("%f",&a);
12    printf("enter value of b= ");
13    scanf("%f",&b);
14    printf("enter required operation between a and b:");
15    scanf("%c",&o);
16
17    switch (o)
18    {
19        case '+':
20            c=a+b;
21            break;
22
23        case '-':
24            c=a-b;
25            break;
26
27        case '*':
28            c=a*b;
29            break;
30
31        case '/':
32            c=a/b;
33            break;
34    }
35    printf("%f %c %f-%f",a,o,b,c);
36 }
```

TERMINAL

PS C:\Users\Sumit\Desktop\vscode\c\lg> cd "c:\Users\Sumit\Desktop\vscode\c\lg" ; if (\$?) { gcc 21.c -o 21 } ; if (\$?) { .\21 }
enter value of a=