

# CPPS LAB 5TH PROGRAM

```
#include<stdio.h>

int main()

{

char operator;

double num1,num2,result;

printf("Enter an operator (+,-,*,/):");

scanf("%c",&operator);

printf("Enter two numbers:");

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

switch(operator)

{

    case '+' :

        result=num1+num2;

        printf("Result: %.2lf\n",result);

        break;

    case '-' :

        result=num1-num2;

        printf("Result: %.2lf\n",result);

        break;

    case '*' :
```

```
    result = num1 * num2;

    printf("Result :%.2lf\n", result);

    break;
case '/' :
    if (num2 != 0)
    {
        result = num1 / num2;
        printf("Result: %.2lf\n", result);
    }
    else
    {
        printf("Error: Division by zero is not allowed.\n");
    }
    break;
default:
    printf("Error: Invalid operator.\n");
    break;
}

return 0;
}
```