

Assignment of PF Lab

Program:

// Program for Simple Calculation

#include<iostream>

using namespace std;

int main() {

char op; // character type variable

cout<<"Calculator"<<endl; // for printing

cout<<"Enter An Operator(+,-,*,/): "; // For Show options as

+,-*/

cin>>op; // For taking Input from user

double num1,num2; // Interger type variable declaration

cout<<"Enter First Number: \n"; // For print somrthing on

Screen

cin>>num1; // for input

cout<<"Enter Second Number: \n"; // for User Interaction

cin>>num2; // for taking input from user

// Conditional programming

if(op == '+') { // case 1

cout<<"Result is: "<< num1 + num2 <<endl;

} else if(op == '-') { // case 2

cout<<"Result is: "<< num1 - num2 <<endl;

} else if (op == '*') { // case 3

```
        cout<<"Result is: "<< num1 * num2 <<endl;
    } else if(op == '/') { // case 4
        if(num1 != 0 && num2 != 0){ // sub case, if user enter zero
            cout<<"Result is: " << num1 / num2 <<endl;
        } else{
            cout<<"Error: It is not divisible.\n (You Entered Zero)";
        }
    } else{ // case 5 if user enter wrong operator
        cout<<"Invalid Operator"<<endl;
    }

    return 0;
}
```

----- The End -----

MUBASHAR GHAZI