

Task 2

Simple Calculator

❖ CODE:-

```
#include <iostream>

using namespace std;

int main() {

    char op;

    float num1, num2;

    cout << "Enter operator: +, -, *, /: ";
    cin >> op;

    cout << "Enter two operands: ";
    cin >> num1 >> num2;

    switch(op) {

        case '+':

            cout << num1 << " + " << num2 << " = " << num1 + num2;

            break;

        case '-':

            cout << num1 << " - " << num2 << " = " << num1 - num2;

            break;
```

```
case '*':
```

```
    cout << num1 << " * " << num2 << " = " << num1 * num2;
```

```
    break;
```

```
case '/':
```

```
    cout << num1 << " / " << num2 << " = " << num1 / num2;
```

```
    break;
```

```
default:
```

```
    // If the operator is other than +, -, * or /, error message is shown
```

```
    cout << "Error! operator is not correct";
```

```
    break;
```

```
}
```

```
return 0;
```

```
}
```

❖ OUTPUT:-

```
PS C:\Users\De11\Desktop\cscorner> cd "c:\Users\De11\Desktop\cscorner\" ; if ($?) { g++ calculator.cpp -o calculator } ; if ($?) { .\calculator }  
Enter operator: +, -, *, / : +  
Enter two operands: 20 20  
20 + 20 = 40
```

```
Enter operator: +, -, *, / : -  
Enter two operands: 15 5  
15 - 5 = 10
```

Enter operator: +, -, *, /: *

Enter two operands: 20 2

$20 * 2 = 40$

Enter operator: +, -, *, /: /

Enter two operands: 20 4

$20 / 4 = 5$