

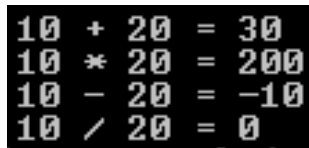
LAB EXERCISE – 9

1) Convert the following Java code by using a function in C++, Python.

```
public class lab9{
    public static void main(String []args){
        System.out.println(" 10 + 20 = " + calc(10,20,'+'));
        System.out.println(" 10 * 20 = " + calc( 10, 20, '*'));
        System.out.println(" 10 - 20 = " + calc( 10, 20, '-'));
        System.out.println(" 10 / 20 = " + calc( 10, 20, '/'));    }

    public static int calc (int arg1, int arg2, char arg3) {
        int total=0;
        if (arg3 == '+')
            total = arg1 + arg2;
        if (arg3 == '*')
            total = arg1 * arg2;
        if (arg3 == '-')
            total = arg1 - arg2;
        if (arg3 == '/')
            total = arg1 / arg2;
        return total;    }
}
```

The output is



```
10 + 20 = 30
10 * 20 = 200
10 - 20 = -10
10 / 20 = 0
```

2) Write your codes again in C++, Python by using total as a global variable. **Don't** return total from the function and the output will be the same.