

# Implementing User Defined Functions

Ceng198

## Grading Lab #3

### Sections 1 & 2

Define a function name “Calculator” that takes 3 parameters; first operand with data type float, second operand with data type float and the operator with data type character. The function should make a calculation according to the given character and then return the value calculated to main.

### Sample Run:

```
Enter first operand: 5
```

```
Enter operator: +
```

```
Enter second operand: 3
```

```
The result is = 8
```

### Sections 3 & 4

Define a function named “Conversion” that takes 2 parameters; a character to specify the conversion type (celcius or fahrenheit) and a float value that is going to be converted according to the specified conversion type. The function makes a conversion from celcius to fahrenheit or from fahrenheit to celcius.

Use the following equations when converting;

$$\text{Fahrenheit} = ((9/5) * \text{Celcius}) + 32$$

$$\text{Celcius} = (5/9) * (\text{Fahrenheit} - 32)$$