Computer Science 120
Project No. 9 (user defined functions**)**

Complete the following programs by writing all functions. **DON'T MAKE ANY CHANGES IN THE MAIN**

1. int main()
    {
        //declare identifiers
            int x, y,z, Sum ; float Average
        //read three integer numbers into x , y, and z
            Read (x, y,z);
        //compute x+y
            Sum= CompSum(x,y,z);
        //compute the average of x, y, and z
            CompAve(x,y,z, Average);
        //display Sum and Average
            Display(x,y,z,Sum,Avergae);
        //terminate program
            system("pause"); return 0;
    }

```
Enter three int numbers: 20  10 31

20 + 10 + 31 = 61

(20 + 10 + 31 )/3. = 20.33
```

2. int main()
    {
        //declare identifiers
            int x, y, z, max, min;
        //read three integer numbers into x,y,z
            ReadData(x,y,z);
        //find and display the sum and average of x,y,z
            int Sum; float Average;
            FindSumAve(x,y,z, Sum, Average);
            ShowSumAve(Sum,Average);
        //find and display the max. and min. of x,y,z
            FindMaxMin(max, min, x,y,z);
            ShowMaxMin(max, min);
        //terminate program
            system("pause"); return o;
    }

```
Enter 3 integer numbers: 10 20 30

    Sum = 60
  Average = 20.00

  Maximum = 30
  Minimum = 10
```

3. int main()
    { // display menu
        DisplayMenu();
     //select your choice
        int choice;
        Select(choice);
     // test your choice
        switch(choice)
        { case 1: **PracticeAdd();** break;
           case 2: **PracticeSub();** break;
        }
     //terminate program
        system("pause"); return 0; }

```
----------Practice Arithmetic---------
    1.   Addition
    2.   Subtraction

  Enter your choice (1/2): 1
    10 + 20 =? 30
        CORRECT
        Continue(y/n)? y
    11 + 14 =? 35
        WRONG
        Continue(y/n)? n
  No. of CORRECT answers = 1
  No. of WRONG answers = 1
```