

Test case

```
*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 2
==>>> Don't Have data to delete
```

Case 1.1 : กดเมนู 2 และ 3 ให้แจ้งเตือนว่าไม่มีข้อมูล ไม่สามารถทำงานต่อได้

```
*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 3
==>>> Don't Have Data to Calculate (Need 2 Data at least.)
```

Case 1.2 : เลือกเมนู 1 ป้อนข้อมูล -10 โปรแกรมไม่รับ

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 1
*****
Description
*****
Enter the number Until You want to exit print 'E'
*****
Enter the number [0]: -10
Invalid Input, please try again.

```

case 2 เลือกเมนู 1 ป้อนข้อมูล -10 โปรแกรมไม่รับ

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 1
*****
Description
*****
Enter the number Until You want to exit print 'E'
*****
Enter the number [0]: 5
Enter the number [1]: E
=====
>>>          Print Data          <<<
*****
Data [0] : 5.000000
=====>>      End OF DATA      <<=====

```

Case 3 : เลือกเมนู 1 ป้อนข้อมูล 5 [enter] (โปรแกรมแสดงข้อมูล 5)

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 2
Enter the value that you want to delete : 5
0
Are you sure to delete 5.000000[0]? [y/n] : y
*****
>>> Print Data <<<
*****
----- Don't have Data. -----

```

Case 4 : เลือกเมนู 2 ใส่ลบข้อมูล 5 (โปรแกรมแสดงไม่มีข้อมูล)

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 1
*****
Description
*****
Enter the number Until You want to exit print 'E'
*****
Enter the number [0]: 2
Enter the number [1]: 5
Enter the number [2]: 2
Enter the number [3]: 6
Enter the number [4]: E
=====
>>> Print Data <<<
*****
Data [0] : 2.000000
Data [1] : 5.000000
Data [2] : 2.000000
Data [3] : 6.000000
=====>> End OF DATA <<=====

```

Case 5 : เลือกเมนู 1 ป้อนข้อมูล 2,5,2,6 [enter](โปรแกรมแสดงข้อมูล 2, 5, 2, 6)

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 2
Enter the value that you want to delete : 2
0
Are you sure to delete 2.000000[0]? [y/n] : y
*****
>>> Print Data <<<
*****
Data [0] : 5.000000
Data [1] : 2.000000
Data [2] : 6.000000
=====>> End OF DATA <<=====
1
Are you sure to delete 2.000000[1]? [y/n] : n
----- Cancel Delete. -----

```

Case 6 : เลือกเมนู 2 สั่งลบข้อมูล 2 (ให้ลบตัวแรก ตัวที่สองไม่ต้องลบ) (เหลือ 5, 2, 6)

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 2
Enter the value that you want to delete : 6
2
Are you sure to delete 6.000000[2]? [y/n] : y
*****
>>> Print Data <<<
*****
Data [0] : 5.000000
Data [1] : 2.000000
=====>> End OF DATA <<=====

```

Case 7.1 : เลือกเมนู 2 สั่งลบข้อมูล 6

```

*****
                        My Function
*****
                        1. Add Data
                        2. Delete Data
                        3. Stats Calculate
                        0. Exit
*****
Select The Test Series that You want to test : 2
Enter the value that you want to delete : 2
1
Are you sure to delete 2.000000[1]? [y/n] : y
*****
                        >>>      Print Data      <<<
*****
Data [0] : 5.000000
=====>>      End OF DATA      <<=====

```

Case 7.2 : เลือกเมนู 2 สังเกตข้อมูล 2

```

*****
                        My Function
*****
                        1. Add Data
                        2. Delete Data
                        3. Stats Calculate
                        0. Exit
*****
Select The Test Series that You want to test : 2
Enter the value that you want to delete : 5
0
Are you sure to delete 5.000000[0]? [y/n] : y
*****
                        >>>      Print Data      <<<
*****
-----      Don't have Data.      -----

```

Case 7.3 : เลือกเมนู 2 สังเกตข้อมูล 5

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 2
==>>> Don't Have data to delete

```

Case 8 : เลือกเมนู 2 โปรแกรมแสดงไม่มีข้อมูล

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 1
*****
Description
*****
Enter the number Until You want to exit print 'E'
*****
Enter the number [0]: 1
Enter the number [1]: E
=====
>>> Print Data <<<
*****
Data [0] : 1.000000
=====>> End OF DATA <<=====

```

Case 9 : เลือกเมนู 1 ป้อนข้อมูล1 (โปรแกรมแสดงข้อมูล 1)

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 3
==>>> Don't Have Data to Calculate (Need 2 Data at least.)

```

Case 10 : เลือกเมนู 3 แจ้งเตือนว่า จะหาได้ต้องมีข้อมูลตั้งแต่ 2 ตัวขึ้นไป

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 1
*****
Description
*****
Enter the number Until You want to exit print 'E'
*****
Enter the number [1]: 2.5
Enter the number [2]: 3
Enter the number [3]: 3.5
Enter the number [4]: 5
Enter the number [5]: x
=====
>>> Print Data <<<
*****
Data [0] : 1.000000
Data [1] : 2.500000
Data [2] : 3.000000
Data [3] : 3.500000
Data [4] : 5.000000
=====>> End OF DATA <<=====

```

Case 11 : เลือกเมนู 1 ป้อนข้อมูล 2.5 3 3.5 5 x 6 (เหลือ 1, 2.5, 3, 3.5, 5)

```

*****
My Function
*****
1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit
*****
Select The Test Series that You want to test : 1
*****
Description
*****
Enter the number Until You want to exit print 'E'
*****
Enter the number [5]: 6
Enter the number [6]: 7
Enter the number [7]: 8
Enter the number [8]: 9
Enter the number [9]: 10
Enter the number [10]: E
=====
>>> Print Data <<<
*****
Data [0] : 1.000000
Data [1] : 2.500000
Data [2] : 3.000000
Data [3] : 3.500000
Data [4] : 5.000000
Data [5] : 6.000000
Data [6] : 7.000000
Data [7] : 8.000000
Data [8] : 9.000000
Data [9] : 10.000000
=====>> End OF DATA <<=====

```

Case 12 : เลือกเมนู 1 ป้อนข้อมูล 6 7 8 9 10 (เหลือ 1, 2.5, 3, 3.5, 5, 6, 7, 8, 9, 10)


```

*****
My Function
*****

1. Add Data
2. Delete Data
3. Stats Calculate
0. Exit

*****
Select The Test Series that You want to test : 3
*****

>>>          Print Data          <<<
*****

Data [0] : 1.000000
Data [1] : 2.500000
Data [2] : 3.000000
Data [3] : 3.500000
Data [4] : 5.000000
Data [5] : 6.000000
Data [6] : 7.000000
Data [7] : 8.000000
Data [8] : 9.000000
Data [9] : 10.000000
=====>>   End OF DATA   <<=====
Mean of numbers = 5.500000
S.D. of numbers = 2.846050
Min of numbers = 1.000000 , Max of numbers = 10.000000

```

Case 13 : เลือกเมนู 3 ได้ค่า min = 1 max = 10 mean = 5.5 sd = 2.84605