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CSCD 240-040
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SortModifyArrayBasic.c Output

Output 1:

```
loodart@DESKTOP-B9FLLVD:~/CSCD240/DemersLHW2$ ./SortModifyArrayBasic
This is the basic part of the program that asks the user to type the number of integers
and average of 'n' integers.Lastly, the allocated memory needs to be freed.

Read using scanf how many integers you would like to type:
5
Please type 'n' integers:
6
4
3
2
1
Displaying the numbers:
6 4 3 2 1
Mean of the numbers is: 3.200000
Median of the numbers is: 3.000000
Standard deviation of the numbers is: 1.923538
```

Output 2:

```
loodart@DESKTOP-B9FLLVD:~/CSCD240/DemersLHW2$ ./SortModifyArrayBasic
This is the basic part of the program that asks the user to type the number of integers
and average of 'n' integers.Lastly, the allocated memory needs to be freed.

Read using scanf how many integers you would like to type:
1
Please type 'n' integers:
5
Displaying the numbers:
5
Mean of the numbers is: 5.000000
Median of the numbers is: 5.000000
Standard deviation of the numbers is: 0.000000
```

Output 3:

```
loodart@DESKTOP-B9FLLVD:~/CSCD240/DemersLHW2$ ./SortModifyArrayBasic
This is the basic part of the program that asks the user to type the number of integers
and average of 'n' integers.Lastly, the allocated memory needs to be freed.

Read using scanf how many integers you would like to type:
8
Please type 'n' integers:
1
3
4
7
7
3
4
5
Displaying the numbers:
1 3 4 7 7 3 4 5
Mean of the numbers is: 4.250000
Median of the numbers is: 4.000000
Standard deviation of the numbers is: 2.052873
```