

```
C:\Users\Junyu Teoh\Documents\CSCD240\HW3>a.exe
This is the basic part of the program that asks the user to type the number of integers, i.e., 'n'. Next, allocate memory for 'n' integers, read the values of 'n' integers into the allocated memory using scanf; next, find the mean, median 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:
3 2 1 5 8

Displaying the numbers:
3 2 1 5 8
Mean of the numbers is: 3.800000
Median of the numbers is: 3.000000
Standard deviation of the numbers is: 5.882176

C:\Users\Junyu Teoh\Documents\CSCD240\HW3>
```

```
C:\Users\Junyu Teoh\Documents\CSCD240\HW3>a.exe
This is the basic part of the program that asks the user to type the number of integers, i.e., 'n'. Next, allocate memory for 'n' integers, read the values of 'n' integers into the allocated memory using scanf; next, find the mean, median and average of 'n' integers. Lastly, the allocated memory needs to be freed.

Read using scanf how many integers you would like to type:
4
Please type 'n' integers:
6 9 1 999999

Displaying the numbers:
6 9 1 999999
Mean of the numbers is: 250003.750000
Median of the numbers is: 7.500000
Standard deviation of the numbers is: 866019.918979

C:\Users\Junyu Teoh\Documents\CSCD240\HW3>
```

```
C:\Users\Junyu Teoh\Documents\CSCD240\HW3>a.exe
This is the basic part of the program that asks the user to type the number of integers, i.e., 'n'. Next, allocate memory for 'n' integers, read the values of 'n' integers into the allocated memory using scanf; next, find the mean, median and average of 'n' integers. Lastly, the allocated memory needs to be freed.

Read using scanf how many integers you would like to type:
7
Please type 'n' integers:
1
6
7
4
6
777
44

Displaying the numbers:
1 6 7 4 6 777 44
Mean of the numbers is: 120.714286
Median of the numbers is: 6.000000
Standard deviation of the numbers is: 709.873329

C:\Users\Junyu Teoh\Documents\CSCD240\HW3>
```