

## Screenshots from test cases for the Homework 5

Below are screenshots from the 8 tests cases for the first part, and 5 test cases for the second part.

1)

```
C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Enter list: 1 1 1 1 1 1
The list is already sorted

C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Enter list:
Please do not leave the input blank
Enter list:

C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Enter list: 1 2 3 4 a b c
List can only contain digits
Enter list:

C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Enter list: -2 -4 -6 -7 -8
The list is not sorted

C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Enter list: -4 -3 -2 -1 0
The list is already sorted

C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Enter list: 2 4 1 3 5
The list is not sorted

C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Enter list: 2 3 4 5
The list is already sorted

Process finished with exit code 0

C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Enter list: 1 2 3 5 10
The list is already sorted
```

2)

```
C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Please type the first matrix rows length: 3
Please type the first matrix cols length: 3
Please enter 9 input digits for matrix 1: 1 2 3 4 5 6 7 8 9
Please type the matrix 2 rows length: 2
Please type the matrix 2 cols length: 3
Please enter 6 input digits for matrix 2: 1 2 3 4 5 6
Cannot multiply. Validation matrix1(numcols) = matrix2(numrows).
```

```
C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Please type the first matrix rows length: 3
Please type the first matrix cols length: 3
Please enter 9 input digits for matrix 1: 1 2 3 4
The number of values within a matrix must be 9
Please enter 9 input digits for matrix 1:
```

```
C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Please type the first matrix rows length: 1
The matrix must contain at least 2 rows/columns
Please type the first matrix rows length:
```

```
C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Please type the first matrix rows length: 3
Please type the first matrix cols length: 3
Please enter 9 input digits for matrix 1: 1 2 3 4 5 6 7 8 9
Please type the matrix 2 rows length: 3
Please type the matrix 2 cols length: 3
Please enter 9 input digits for matrix 2: 0 2 4 1 4.3 2.2 1.1 4.3 3.2
[5.3, 23.9, 24.0]
[11.6, 56.3, 58.2]
[17.9, 88.7, 92.4]
```

```
C:\Users\orikh\PycharmProjects\hw1\venv\Scripts\python.exe C:/Users/orikh/PycharmProjects/hw1/hw5-1.py
Please type the first matrix rows length: 3
Please type the first matrix cols length: 3
Please enter 9 input digits for matrix 1: 1 2 3 4 5 6 7 8 9
Please type the matrix 2 rows length: 3
Please type the matrix 2 cols length: 2
Please enter 6 input digits for matrix 2: 4 5 6 7 8 9
[40, 46]
[94, 109]
[148, 172]
```