UNIT TESTING REPORTS

1. Testing of system"clear" function in main()

```
ezaz@PC: -/Desktop/IOT Data Processor/CUT/compile

Q = - 0 ×

Nelcone to Data Logger Processing System .

1. Displays the Dataset. .

2. Displays the monthly average Temperature .

3. Displays the monthly average HM 2.5 .

5. Displays the monthly average PM 10 .

6. Displays the monthly average PM 20 .

7. Exit the system. .

Enter a valid choice [1-7]:
```

2. Testing the non-numeric values of choice(ch) in menu()

```
Relcone to Data Logger Processing System

1. Displays the Dataset.
2. Displays the Monthly average Temperature
3. Displays the Monthly average Hundity
4. Displays the Monthly average PM 10
5. Displays the Monthly average PM 2.5
5. Displays the Monthly average PM 2.5
6. Displays the Monthly average PM 2.5
7. Exit the system.

Enter a valid choice [1-7]: -1

* Invalid choice error occured.
* Kindly enter valid number i.e. [1,7].

* Melcone to Data Logger Processing System

1. Displays the Monthly average Hundity
4. Displays the Monthly average Hundity
4. Displays the Monthly average Hundity
5. Displays the Monthly average Hundity
6. Displays the Monthly average PM 10
6. D
```

3. Testing the negative values of choice(ch) in menu()

```
Relcome to Data Logger Processing System

1. Displays the Dataset.
2. Displays the monthly average Temperature
3. Displays the monthly average Penderature
4. Displays the monthly average Penderature
5. Displays the monthly average Penderature
6. Displays the monthly average Penderature
7. Exit the system
8. Enter a valid choice [1-7]: -1

* Invalid choice error occured.
* Kindly enter valid number i.e. [1,7].

* Melcome to Data Logger Processing System
1. Displays the monthly average penderature
2. Displays the monthly average Hundity
4. Displays the monthly average Hundity
5. Displays the monthly average Hundity
6. Displays the monthly average Penderature
7. Displays the monthly average Penderature
8. Displays the monthly average Penderature
9. Displays the m
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4. Testing the exit() in case 7 in menu()

```
ezaz@PC:-/Desktop/IOT Data Processor/CUT/compile

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```

5. Testing loadFromFile() in utility.c file

```
Issue opening the file ../data/delhi.csv

* Welcome to Data Logger Processing System ...

* 1. Displays the Dataset. ...

* 2. Displays the monthly average Temperature ...

* 3. Displays the monthly average Humidity ...

* 4. Displays the monthly average PM 2.5 ...

* 5. Displays the monthly average PM 10 ...

* 6. Displays the monthly average PM 20 ...

* 7. Exit the system. ...

Enter a valid choice [1-7]: |
```

6. Testing the count value of average.c file

