Project 1

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Test case 1:

```
27
36
14
18
9
22
8
6
19
14
22
13
85
96
45
75
35
15
5
6
88
65
91
32
27
```

```
"C:\Program Files\Java\jdk-12.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2019.3\lib\idea_rt.jar=61785:C:\Program Files\JetBrains\IntelliJ IDEA
Sorted weights = [5.0, 6.0, 6.0, 8.0, 9.0, 13.0, 14.0, 14.0, 15.0, 18.0, 19.0, 22.0, 22.0, 27.0, 27.0, 32.0, 35.0, 36.0, 45.0, 65.0, 75.0, 85.0, 88.0, 91.0, 96.0]
Average = 34.92

Test Methods in Weight class.
12.0 lbs 192.000
24.0 lbs 384.000
x.lessThan(25.0f) = true
x.lessThan(23.0f) = false
x.divide(2) = 12

Process finished with exit code 0
```

Test case 2:

```
18
9
22
8
6
19
14
22
13
85
96
45
75
22
13
85
96
45
75
35
15
5
6
88
77
```

```
System.out.println("Average = " + Average);

Run:    Project1
    "C:\Program Files\Java\jdk-12.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2019.3\lib\idea_rt.jar=61791:C:\Program Files\JetBrains\Intel
    Sorted weights = [5.0, 6.0, 6.0, 8.0, 9.0, 13.0, 13.0, 14.0, 15.0, 18.0, 19.0, 22.0, 22.0, 22.0, 35.0, 45.0, 45.0, 75.0, 75.0, 77.0, 85.0, 85.0, 88.0, 96.0, 96.0]
    Average = 39.76

    Test Methods in Weight class.
    12.0 lbs 192.000
    24.0 lbs 384.000
    x.lessThan(25.0f) = true
    x.lessThan(23.0f) = false
    x.divide(2) = 12

    Process finished with exit code 0
```

Test case 3:

```
85
96
45
75
35
15
5
6
88
77
18
9
22
8
6
19
45
75
22
13
85
96
45
75
35
15
5
6
88
77
```

```
Project1 ×
"C:\Program Files\Java\jdk-12.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2019.3\lib\idea
TooManyWeights: C:\Users\Yael-PC1\Projectz\CMIS_Proj1\src\weights-3.txt has 30. Needs to be less than or equal to 25.
    at Project1.main(Project1.java:50)

Test Methods in Weight class.
12.0 lbs 192.000
24.0 lbs 384.000
x.lessThan(25.0f) = true
x.lessThan(23.0f) = false
x.divide(2) = 12

Process finished with exit code 0
```