A sports competition will be held.  
Weight information of the athletes who will participate in this competition will be read from the screen. Athletes can be

* lightweight(weight<50kg),
* middleweight(50<=weight<=70 kg) and
* heavyweight(heavier than 70).

The" total number of athletes", "the average weight of the athletes" and the "number of athletes in each group" will be calculated and displayed on the screen.  
Weight information will be received until 0 is entered from the keyboard. If a negative value is entered, a warning message will be displayed ("Incorrect input, enter the weight again!").

**Example Output:**  
Enter weight of the athlete: 70  
Enter weight of the athlete: 100  
Enter weight of the athlete: 40  
Enter weight of the athlete: 60  
Enter weight of the athlete: -40  
Incorrect input, enter the weight again!  
Enter weight of the athlete: 110  
Enter weight of the athlete: 50  
Enter weight of the athlete: 55  
Enter weight of the athlete: -3  
Incorrect input, enter the weight again!  
Enter weight of the athlete: 45  
Enter weight of the athlete: 0  
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Number of athletes: 8  
Average Weight: 66.25  
Number of Lightweight athletes: 2  
Number of Middleweight athletes:4  
Number of Heavyweight athletes: 2