

Honey Bees



Scientists are studying the mysterious disappearance of bees in North America (and world wide). In doing so, they have collected a number of dead bees and weighed them. The weights gathered by one scientist are listed below. Measurements are shown in mg.

95, 92, 93, 95, 92, 100, 89, 83, 88, 89, 88, 89, 87, 95, 95, 92, 101, 78, 79, 82, 83, 95, 88, 90, 91, 89, 85, 82, 81, 94, 94, 95, 96, 97, 98, 95, 98, 103, 95, 91, 96, 93, 82, 95, 88, 89, 90.

Write a computer program that analyses this data and produces following pieces of output:

1. A count of the number of bees.
2. The maximum weight
3. The minimum weight
4. The average weight
5. A count of the number of bees that have a weight over 95 mg.
6. A count of the number of bees that have a weight under the average.

Also, print the following things on the screen:

1. Prints the weights (horizontally, all on one line).
2. Prints the weights backwards (horizontally, all on one line).
3. Prints every second weight (horizontally, all on one line).
4. Prints the weights over 95 mg (horizontally, all on one line).