Hansen and Gretel

Hansen and Gretel are 3rd grade students. They are the two best students in the class, and they're always competing with each other. Besides their great performance, they daily bring the teacher fruits. The teacher only takes 3 fruits a day. Hansen always brings apples and Gretel, pears. The fruit amount that each of them brings depends on how many their mothers buy. Therefore, each one brings 0 to 5 fruits everyday.

Here is how the teacher selects her 3 fruits, daily:

1. Everyday Hansen and Gretel are given a score, from 0 to 10;

2. She will start taking the fruits from the student with the highest score. If the student with the highest score runs out of fruit before she has 3 fruits, she will, then, start taking the fruits from the second best student. In case the best student didn't bring any fruits, she will start taking the second best student's fruits.

3. If the total amount of fruits brought by the students is lesser than 3, the teacher will take only what they brought, respecting the previous rule. This way, she could eventually go home with no fruits.

Example:

At **day N** Hansen brought 1 apple and Gretel 1 pear. This day Hansen had a score of 7, and Gretel 9, so Gretel was the best student.

Here is an example:

Day	Apples	Pears	Best Student	Fruit 1	Fruit 2	Fruit 3
1						
2						
...						
N	**1**	**1**	**Gretel**	**Pear**	**Apple**	**--**
...						
30						

This month the teacher received ___ apples and ___ pears.

- **Develop an algorithm that simulates an entire month of this situation;**
- **The algorithm must use random data for the students scores and amount of fruits;**
- **The algorithm must also inform how many apples and pears the teacher received by the end of the month;**
- **Use javascript.**