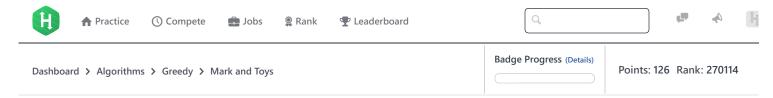
15/11/2017 HackerRank



Mark and Toys **■**





Mark and Jane are very happy after having their first kid. Their son is very fond of toys, so Mark wants to buy some. There are n different toys lying in front of him, tagged with their prices, but he has only k. He wants to maximize the number of toys he buys with this money.

Now, you are Mark's best friend and have to help him buy as many toys as possible.

Input Format

The first line contains two integers, n and k, followed by a line containing n space separated integers indicating the products' prices.

Constraints

```
1 \le n \le 10^5 1 \le k \le 10^9 1 \le price \ of \ any \ toy \le 10^9 A toy can't be bought multiple times.
```

Output Format

An integer that denotes maximum number of toys Mark can buy for his son.

Sample Input

```
7 50
1 12 5 111 200 1000 10
```

Sample Output

4

Explanation

He can buy only 4 toys at most. These toys have the following prices: 1,12,5,10.

f in
Submissions:27899
Max Score:35
Difficulty: Easy
Rate This Challenge:
☆☆☆☆☆
Need Help?
Greedy Technique

15/11/2017 HackerRank

Test against custom input

1 Upload Code as File

More Current Buffer (saved locally, editable) & 49 Java 7 1 ▼ import java.io.*; 2 import java.util.*; 3 import java.text.*; import java.math.*; import java.util.regex.*; 7 ▼ public class Solution { 8 9 ▼ static int maxiumumToys(int[] prices, int k) { 10 // Complete this function 11 12 13 ▼ public static void main(String[] args) { 14 Scanner in = new Scanner(System.in); 15 int n = in.nextInt(); int k = in.nextInt(); 16 17 ▼ int[] prices = new int[n]; 18 ▼ for(int prices_i = 0; prices_i < n; prices_i++){</pre> prices[prices_i] = in.nextInt(); 19 ▼ 20 21 int result = maximumToys(prices, k); 22 System.out.println(result); 23 in.close(); 24 } 25 } 26 Line: 1 Col: 1

Sorting

Run Code

Submit Code

Join us on IRC at #hackerrank on freenode for hugs or bugs.

Contest Calendar | Blog | Scoring | Environment | FAQ | About Us | Support | Careers | Terms Of Service | Privacy Policy | Request a Feature