**Buying Shirts**

✨ Problem Statement

Mr. Kumar wants to buy some shirts and to do that he has a fixed budget B. The shop has N number of shirts having prices p0, p1, p2, ..., p(n-1). Help Mr. Kumar to predict the maximum number of shirts he can buy with his budget.

For example, if Mr. Kumar has a budget of 1000 and the shop has 5 shirts with price 200, 360, 420, 910 and 250, then Mr. Kumar can buy 3 shirts at the max

✨ Input Format

First Line of the input has an integer T which designates the number of test cases.

Each next two lines represent individual test cases.

The first line of the individual test case will have two integers N and B where N

dictates the number of shirts and B specifies the budget.

The second line of the individual test case will have N integers designating price

of the corresponding shirts

Example

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3

3 100

48 56 65

4 250

12 60 34 78

4 380

170 160 90 100

The above input says that there are 3 test cases as T in the first line = 3. In the first test case at line number 2, there are 3 shirts and the budget is 100. The price of the shirts are there in line number 3 as 48 56 and 65. There are two more test cases one starting at line number 4 and the other one at  line number 6.

Second test case has 4 shirts and 250 as budget. Price of the four shirts are 12 60 34 and 78

Lastly, the third test case has 4 shirts and 380 as budget. 170, 160, 90 and 100 are the prices of the shirts.

✨ Output Format

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Output of the ith test case would be

Case #i: Maximum number of shirts that can be bought.

Output of the example Input

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Case #1: 1

Case #2: 4

Case #3: 3

✨ Constraints

Price of any shirt > 0

Budget < 100000

Number of Shirts < 100

✨ Time Limit 2 secs .Each test case should pass in 2 secs.

✨ Real Testcases

| **No.** | **IP** | **OP** |
| --- | --- | --- |
| 1 | 3  3 100  48 56 65  4 250  12 60 34 78  4 380  170 160 90 100 | Case #1: 1  Case #2: 4  Case #3: 3 |
| 2 | 4  5 490  120 200 40 60 10  4 300  400 350 450 380  4 200  120 80 90 100  6 800  100 80 230 340 90 100 | Case #1: 5  Case #2: 0  Case #3: 2  Case #4: 5 |