Bogomil missed a basketball game of his favorite team, “the Blues”. He is convinced that his favorite team is so good that they had at least as many points as the opposing team during the whole game. You have to check the validity of that claim. Answer such tests.

**Input**

The first line of the file **basketball.in** contains the number. Then, for each test, the next line contains the number , followed by pairs of natural numbers - and . If , Bojo's team has scored points. If , then the opposing team has scored points.

**Output**

On lines in the file **basketball.out**, print “YES” or “NO” depending on whether Bozho's team had at least as many points as the opposing team during the whole game.

**Constraints**

**Time limit: 0.2 sec.**

**Memory limit: 256 MB.**

**Sample test**

|  |  |
| --- | --- |
| **Input (basketball.in)** | **Output (basketball.out)** |
| 2  3  1 3  1 2  2 1  5  1 3  2 2  2 3  1 3  2 1 | YES  NO |