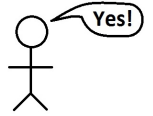


## Problem F: The Yes-Man

Nat is a Yes-Man: he just has a hard time saying no to people, almost no matter the circumstance. Due to his easy-going nature, Nat attracts **all** the girls. Unfortunately, that doesn't mean that he wants to date them all - it gets very expensive!



In a given day, Nat will receive requests from  $N$  alluring females. Saying yes to a date with girl  $i$  doesn't cost Nat energy, but it does cost him  $C_i$  dollars. Saying no to a date costs Nat  $E_i$  energy (because it's really draining for him to say no), but it doesn't cost him any money.

If Nat uses more than  $Q$  total energy or spends more than  $X$  total dollars, he will consider himself a "No-Man". This is undesirable. Can you help him find out whether there is a set of dates he can go on to avoid becoming a "No-Man" ?

### Input Specification:

The input consists of a series of test cases. The input begins with an integer  $T \leq 75$ , the number of test cases. Each test case takes up three lines. The first line has three positive integers:  $N \leq 100$ ,  $Q \leq 1000$ , and  $X \leq 10000$ . The next line consists of  $N$  non-negative integers, which represent the energy required  $E_i$  to say no to the  $i^{th}$  girl. The third line consists of  $N$  non-negative integers, which represent the money cost  $C_i$  of going out with the  $i^{th}$  girl.

### Output Specification:

If Nat can get through these date requests without using too much energy or money, output **Yes-Man**. Otherwise, output **No-Man**.

### Sample Input:

```
2
1 4 1
3
3
2 4 1
2 3
3 2
```

### Sample Output:

```
Yes-Man
No-Man
```