

You are given two versions numbers A and B as a string. Your task is to compare them and find out which one of them is a newer version.

**Note:**

There are no leading zeros in any of the strings except in the case of zero itself.

**For Example:**

A = "1.23.45", B = "1.23.456"

The first two parts of both the strings are the same i.e 1 and 23 and the third part of B is greater than the third part of A i.e. 45 < 456, thus string B is the latest version.

**Input Format:**

The first line contains an integer 'T' which denotes the number of test cases or queries to be run. Then, the T test cases follow.

The first line of each test case contains a version A as string.

The second line of each test case contains a version B as string.

**Output Format:**

For each test case, print 1 if version A is latest, -1 if version B is latest and 0 if both versions are the same .

**Note:**

You do not need to print anything. It has already been taken care of. Just implement the given function returning an integer denoting the result of comparison.

**Constraints:**

$1 \leq T \leq 10$

$1 \leq |A|, |B| \leq 10^5$

where |A| and |B| denote the length of string, A and B respectively.

All the characters of the string A and B contain digits and dots only and both the strings are started and terminated by a digit.

**Sample Input 1:**

```
2
1.2.4
1.2.3
10.2.2
10.2.2
```

**Sample Output 1:**

```
1
0
```

**Explanation For Sample Input 1:**

For the first test case, the first two parts of both the strings are the same but the third part of the 1st version is bigger than the 2nd version. Hence our answer is 1

For the second test case, both the versions are identical in this case so the answer will be 0.

**Sample Input 2:**

```
2
123.45
123
1.0.0
1
```

**Sample Output 2:**

```
1
0
```