

Problem B

Longest Common Substrings

Given two nonempty 0-1 strings A and B , output the length of a longest common substring of A and B .

Technical Specification

1. There are at most 10 test cases.
2. Each of A and B has length no more than 100.

Input Format

The first line is an integer t , $1 \leq t \leq 10$, indicating the number of test cases. Each test case is specified simply by A and B , with a single whitespace character in-between on a single line.

Output Format

For each test case, output the length of a longest common substring of A and B .

Sample Input

```
3
001 10010
11111 0111101
000 111
```

Sample Output for the Sample Input

```
3
4
0
```