

Problem Name: Stringy Stringy

Time Limit: 1 Sec

Memory Limit: 64 Mb

Let's be straight. You are given a set of string **S**. You are given some strings in queries. You have to tell me how many ways you can make the strings form a given query set **Q**. Consider that you can take a string **S_i** **zero or more** times.

Constraints:

|S| = |S_i| = 10⁴

|Q| = |Q_i| = 10⁴