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SOLVE
LATER

Rhezo and Division

Attempted by: **1** / Accuracy: **100%** / ★★★★★

Tag(s): Algorithms, Dynamic Programming, Medium, Z-algorithm

PROBLEM   EDITORIAL   ANALYTICS   🏆 **Basic Practice Questions**

Rhezo calls a number good if the number is divisible by all numbers from 1 to 9. His father also likes good numbers, and has promised him to buy 1 chocolate per every good number he tells him. He doesn't want to make the task simple for Rhezo, therefore he gives him 2 strings T and P.

He tells Rhezo to find the number of ways to select one or more occurrences of P in T, so that the product of starting positions of all those occurrences is a good number. Rhezo likes chocolates and is not so good at programming. Help him.

Input:

First line contains the string P. Second line contains the string T.

Output:

Help Rhezo to find the number of ways to select one or more occurrences of P in T, so that the product of starting positions of all those occurrences is a good number.

Constraints:

Length of $S, T \leq 10^4$

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Marks are awarded when all the testcases pass.
Allowed Languages:	C, C++, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Swift, Visual Basic

CODE EDITOR

Enter your code or ⬆ Upload your code as file.   All changes saved   Visual Basic (mono vbnc 4.0.1)   ⚙

```
1   Loading...
```

COMPILE & RUN   SUBMIT

💡 Press ctrl-space for autocomplete suggestions.

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