

Powers 2

This is a regex golf problem. You have to write a regex that matches all lines from one list and none from the second one. Matching is implemented as Perl's `m//`, so it's not a precise match. E.g. to match "SPOJ" you don't need regex `/^SPOJ$/` since it's enough to write `/PO/` or `/J/`.

The regexes submitted should be compatible with Perl regular expressions (version 5.20.1).

Score is calculated as follows: it's equal to the length of your regex and for every line from the first list that's not matched by your regex X points are added to your score. Analogically, for every line from the second list that's matched by your regex X points are added to your score. The lower your score is, the better. X often equals 10 but it's different in some problems. Check below this problem's X value.

To quickly check the quality of your solution visit the original [regex golf project](#).

Please don't look for solutions for this problem online or at least don't post them here if you didn't come up with them on your own.

Match all of these...

```
x
xxx
xxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxx... [81 chars]
xxxxxxxxxxxxxxxxxxx... [243 chars]
xxxxxxxxxxxxxxxxxxx... [729 chars]
xxxxxxxxxxxxxxxxxxx... [2187 chars]
xxxxxxxxxxxxxxxxxxx... [6561 chars]
xxxxxxxxxxxxxxxxxxx... [19683 chars]
xxxxxxxxxxxxxxxxxxx... [59049 chars]
```

And none of these...

```
<empty string>
xx
xxxxxxx
xxxxxxxxx
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxx... [163 chars]
xxxxxxxxxxxxxxxxxxx... [1337 chars]
xxxxxxxxxxxxxxxxxxx... [2601 chars]
xxxxxxxxxxxxxxxxxxx... [6557 chars]
xxxxxxxxxxxxxxxxxxx... [16384 chars]
```

$$X = 20$$