

Addition

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...

$X + XXX = XX + XX$
 $X + XXXX = X + XXXX$
 $X + XXXXXXXXXXXX = XXXXX + XXXXXXXX$
 $XXXX + XX = X + XXXXX$
 $XXXX + XXX = X + XXXXXX$
 $XXXX + XXXX = XXXX + XXXX$
 $XXXXX + XX = XXXXXX + X$
 $XXXXX + XXXXX = XX + XXXXXXXX$
 $XXXXX + XXXXXX = XXXXXXXX + XXXX$
 $XXXXX + XXXXXXXX = XXX + XXXXXXXXXXXX$
 $XXXXXX + X = XXX + XXXX$
 $XXXXXX + XX = X + XXXXXXXX$
 $XXXXXXX + XX = XXX + XXXXXX$
 $XXXXXXX + XXXX = XXX + XXXXXXXX$
 $XXXXXXX + XXXXXXXX = XXXXXXXXXXXX + XXXXX$
 $XXXXXXX + XXXXXXXX = XXXXXXXXXXXX + XXXXX$
 $XXXXXXXX + XXX = XX + XXXXXXXX$
 $XXXXXXXX + XXX = XXXX + XXXXXXXX$
 $XXXXXXXX + XXXXXX = XXXXXXXXXXXXXXXX + XXX$
 $XXXXXXXXXXXX + X = XXXXXX + XXXXXX$

And none of these...

$X + XXX = XXX + XXXXXXXX$

$X + XXXXX = XXXXXX + XXXXXXX$
 $X + XXXXXXXXXXXX = XXXX + XXXXXXXXXXXXX$
 $XX + XXX = XX + XXXX$
 $XX + XXXXXXXXXXXX = XXX + XXXXXXXX$
 $XXX + X = XXX + XX$
 $XXX + XXX = XXXXXXX + X$
 $XXX + XXXXXXXXXXXX = XXXXXXXXXXX + XXXXXXXX$
 $XXXX + XXXX = XXXX + XXXXXX$
 $XXXXXX + XX = XXXXXXXXXXXX + XXXXXX$
 $XXXXXX + XXXXX = XXXXXXXXXXX + X$
 $XXXXXXX + X = XXX + XXXXXXXX$
 $XXXXXXX + XXX = XXXXXXX + XXXXXXXXXXX$
 $XXXXXXX + XXXXXXXXXXX = XXX + XXXX$
 $XXXXXXXXXXXX + XX = X + X$
 $XXXXXXXXXXXX + XX = XXX + XXX$
 $XXXXXXXXXXXX + XXXX = XXXX + XXXXXXX$
 $XXXXXXXXXXXX + X = XXXXXX + XX$
 $XXXXXXXXXXXX + XXXX = XXX + XXXXXXXXXXXXX$
 $XXXXXXXXXXXX + XXXX = XXXXX + XXXXXX$

X = 10

The author of this problem is [teukon](#).