

Balance

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...

<empty string>

<<<<<>><<>><<... [62 chars]

<<<<<>><><<><... [110 chars]

<<<<<>><>><<... [102 chars]

<<<<<>><>><<... [88 chars]

<<<<<>><<<><... [58 chars]

<<<<<>><<<>>... [152 chars]

<<<<<>><<><<... [42 chars]

<<<<<>><><<>>><<>>

<<<<<>>><<<>... [102 chars]

<<<<<>>><<<>... [30 chars]

<<<<<>>><><<... [66 chars]

<<<<<>>><><<... [124 chars]

<<<<<>>><><<>>

<<<<<>>><<<>... [34 chars]

<<<<><<<>>><... [92 chars]

<<<<>><<<>><><<>>>>

<<<<>><<<>>><><<>>><<>>

<<<<>><<<<>... [84 chars]

<<<<>>><<<<>... [52 chars]

<<<<<<>>><<... [50 chars]

<<<<<<>>>>

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$$X = 15$$