

# Backrefs

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...

allochirally  
anticovenanting  
barbary  
calelectrical  
entablement  
ethanethiol  
froufrou  
furfuryl  
galagala  
heavyheaded  
linguatuline  
mathematic  
monoammonium  
perpera  
photophonic  
purpuraceous  
salpingonasal  
testes  
trisectrix  
undergrounder  
untaunted

## And none of these...

anticker  
corundum  
crabcatcher  
damnably  
foxtailed  
galvanotactic  
gummage  
gurniad  
hypergoddess  
kashga  
nonimitative  
parsonage  
pouchlike  
presumptuously  
pylar  
rachioparalysis  
scherzando  
swayed  
unbridledness  
unupbraidingly  
wellside

**X = 10**