

# Latin squares

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...

bcow cbwo owbc wocb  
bytz ztby tzyb ybzt  
cuoh uhco ochu houc  
erad dare ader reda  
fbtp ptfb tpbf bfpt  
feqp efpq qpfe pqfe  
gezw zwge wzeg egwz  
gkih hgki ihgk kihg  
hzdi dhiz idzh zihd  
ivpc vpci pciv civp  
jwok okjw kowj wjko  
kxrh rhkx hrkx xkhr  
ncib cnbi ibnc binc  
rick kcir ckri irkc  
tqec qtce ecqt cetq  
vpth thpv htpv pvht  
whrl lwlr rlwh hrlw  
xiey ixey eyxi yeix  
zdvm vmzd dzmv mvdz  
znqp qpzn pznq nqpz

## And none of these...

asuw qome zfdx xivi

bgmn kcjk xhrk axon  
brlm kytb bdad khtb  
ctio ersg xmak bynf  
dgpz ksaq tbem owxu  
fdue qcpp ypze hbue  
gjzp jwgb wiej eoiz  
gxih hgkx ihck kihc  
hedi dhii ideh zhhd  
ivps vlci pcis clvp  
jwwk okjw kooj wjko  
kxrh rhsx hrxs xkhr  
nqib qnbi ibnc bicn  
rikc kcir ckri irkc  
tcqe qtce eqct cetq  
vhpt thpv htvp pvht  
wrrl lwlr rlwh hrlw  
xiey ixye eyxi yejx  
zdvm mvzd dzmv mvdz  
znqp qpzn pznq npqz

**X = 10**

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