

CS 61BL
Summer 2019

Lab 22
August 13, 2019

Name:

SID:

Please complete this worksheet during your lab, and turn it in to your TA by the end of your section. You are encouraged to work with your neighbors collaboratively.

Section Number: (01) (02) (03) (04) (05) (06) (07) (08) (09) (10) (11) (12)

1 Regex

For the following subparts, mark each regex string that fully matches every string on the left, but matches no string on the right.

Remember to use the rules from the lab to solve these problems by hand, but you can check your final answers with IntelliJ's regex checker.

1. "M[aye][rlt]t" "M[a-z][a-z]t" "[Mm]a[rlt][te]" "Ma[^t]t"

"Matt"	"Mite"
"Malt"	"mutt"
"Mart"	"Mott"

Chris

2. "Chris+t?i+ne" "Chris[t\+]i*ne" "Chr\wst?i+ne" "Chr\D[s[t\+]i]ne"

"Christine"	"Christne"
"Chris+ine"	"Christine"
"Christiiiiine"	"Chr1stine"

3. "J\B.*on" "J\B\B\B\B\B.+on\b" "^\w+\B.+o\w\$" "^\w\S?a.+?\w+?n\$"

"Jackson"	"Jon"
<u>"Jaxon"</u>	"Jack"
<u>"Jacks on"</u>	"J ack son"

lb JB