Project L

Valid password =

Lo L+ num Cha

47 1+ UPAI Char

L> L+ lowAl Cha

L) 1+ SpecChar

L> <2 Same Char In Seq

Strong Password:

Wear Password:

Lo 65 lensth < 9

Li must be valid

Good Faith Attempt (GFA) requirements.

L) Pass ExfA_test. java

Lippass fest, java

Expectations: as cuthor

Ly include name on every java file

L7 a working "Check password" button

Li working "Check passwords in file" button w/ feedback on which failed and why

Requirements

4 Password Checker Utility dass (PCU)

45 exception classes for all exceptions in Java Doc

Li check length first

Ly stop if password fails one rule

Ly method returns true if passes; if fails, it throws exception

Ly use regex for special Churs

Ly import Pattern + Marcher

L7 tets of minimum 4 cases

Lo capture actual v. expected results in write-up

Tips

Li implement methods for PCU class

Lo create defined exceptions

Ly pass GFA fests + my own

Ly test GUI

La auticipate private tosts

To-do

🔲 = done!



La Exceptions (order matters)

Ly Class Jensth Exception (CLE)

Ly Class No Upper Alpha Exception (CNUAE)

Lo Class No Lower Alpha Exception CCNLAES

La Class No Disit Exception (CNDE)

La Clase No Special Char Exception (CNSCE)

L> Class Invalid Sequence Exception (CISE)

Ly Class Weak Password Exception (CLUPE)

Ly Class Unmatched Exception (CUE)

Lo Password Checker Utility

```
L) SV compare Passwords (password, password Confirm)
   L7 t (UE
Ls sb compare Passward. With Return (PW, PW Confirm)
   Ly r bool
Ly sArrayList Latrius> set Invalid Passwords (passwords)
   Lyr AcrayList of invalid Passaords
Lysb has Between Six And Nine Chys (PW)
   Lar bool
       has Disit (PW) -7 + CNDE
L7 86
   Lyr boal
List has Lower Alpha (PW) -> f CNLAE
   Lor bool
Los So has Some Char In Sequence (PW)
   Lzc bool
Ly Sb has Special Char (pw) -> t
   Lac bool
LS Sb has Upper Alpha (PW)
   L> 1 bool
Lysb is Valid Lensth (PW) -> t
   12 ( bool
                                 evero Exception
Lysb is Valid Password (PW) -> +
   Ly [ 6001
List is Weak Personal (PW) - t
  L> 1 2001
```

Losic Behind Methods

List compare Passwords (String password, String password Conform) &

try E

pu. equals (PuConform);

3 catch (Unmatched Exception C) [

throw new Unmatched Exception ();

3