

This homework will give you practice using Strings and String methods, loops, conditional statements, boolean variables, and logical operators.

Write a complete Java program to first prompt the user for their password (this is arbitrary, you can just make it up!) and reconfirm their password

Please enter password: Hello

Please re-enter password to confirm: hello

If the reconfirmed password does not match the original entry, you must print out a message stating that the password is invalid as the passwords do not match.

Password Invalid --- Passwords DO NOT Match.

Then, check if the password is valid or not based on the criteria below:

1. The password length should be between 8 to 15 characters
2. The password should not contain any spaces
3. The password should contain at least one digit (0-9)
4. The password should contain at least one lowercase letter (a-z)
5. The password should contain at least one uppercase letter (A-Z)
6. The password should contain at least one special character (@, #, %, &, !, \$)

If the passwords DO match but do not follow the rules, you must print out a similar message specifying why the password is invalid. Example:

Password Invalid --- Password Length NOT Between 8 to 15 Characters.

If the password is invalid, your program must allow the user to try another password until they enter a valid one OR after 3 incorrect attempts – which should print an error message stating that their account is locked.

****ERROR** Too Many Attempts --- Account is Locked.**

Once both passwords match and all the criteria are met, you must print out a message stating that the password has been accepted.

Password Accepted --- WELCOME!