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# LCYS_2022 / L.M. Saxton

# https://pypi.org/project/bcrypt/
# !pip install bcrypt
import bcrypt

class VerifyUser():
    '''Verify username for login'''
    def __init__(self, username, crosscheck_name):
        '''Initialize username and cross-check variables'''
        self.username = username
        self.crosscheck_name = crosscheck_name

    def verifyUser(self):
        '''Verify entered username against cross-check'''
        username = self.username
        cross_check = self.crosscheck_name

        if username == cross_check:
            pass
        else:
            print("\tUsername is not correct.")

    def verifyUserSuccess(self):
        '''Assign value to successful username'''
        username = self.username
        cross_check = self.crosscheck_name

        if username == cross_check:
            return 1
        else:
            return 0

class VerifyPass():
    '''Verify password for login'''
    def __init__(self, password, hashed):
        '''Initialize password and hashed password variables'''
        self.password = password
        self.hashed = hashed

    def verifyPass(self):
        '''Verify entered password against hashed password'''
        password = self.password
        hashed = self.hashed
        if bcrypt.checkpw(password, hashed):
            pass
        else:
            print("\tPassword does not match.")

    def verifyPassSuccess(self):
        '''Assign value to successful password'''
        password = self.password
        hashed = self.hashed
        if bcrypt.checkpw(password, hashed):
            return 1
        else:
            return 0

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