**Scripting**

CW\_KRSIT\_H

Lab Six

Remember-

No curly brackets, indent your code

Functions are declared with **def**

Add a colon after a function

Use # to add comments

Comment your code , explain what each function does, what is its inputs , what is its outputs

Any errors you encountered when creating these programs and subsequently fixed paste them as an error log at the bottom of your code and write a description of why they occurred and how you fixed them.

Call all your methods from the main method and test with an assortment of values

Create a python file files.py

* Create a sign-up function that adds a new user with a name, username and password, store this info in a dict and store each new dict in a file users.txt
* Create a login function that takes in a username and password
* If the username does not exist (not in the file) print an error message
* If the password is wrong print an error message
* If both username and password are right print “Hello welcome back” + the users name
* Add a new function that checks during sign-up if the username already exists and print an error message if it does

Text

Description automatically generated

2.

* Create a file poll.txt
* Create a poll with a number of options, (what’s your favourite sport, which is Irish city is best, etc..)
* For each option , store in poll.txt how many people selected that option, you will initial start at zero for every option.
* Get at least 10 people to answer your poll (or if you’re alone answer it yourself 10 times).
* For each time the program runs update the chosen option in poll.txt
* After somebody has answered, show the results of how many people selected each option.

Text

Description automatically generated

For these exercises unless stated in the question decide on all function, outputs and variable names yourself