**Scripting**

CW\_KRSIT\_H

Lab Four

Remember-

No curly brackets, indent your code

Functions are declared with **def**

Add a colon after a function

Use # to add comments

Create a python file words.py

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

1.

* Create a function that takes in a users full name(including middle name)
* Print out the length of the name
* Print out just the first name #you can use split to do this
* Print out just the last name (Anything after the last space)

2.

. Create a function containsWord(sentence,word)

First check if the word is in the sentence

If not print out 'not Found'

If it is check how many times it occurs

Using the format % or f option print out in the following format

The word <word> appears <amount> times in <sentence>

3 Create a function swapGendertoFemale(sentence) that replaces pronouns in a given string ,

* + If the string contains he replace with she
  + If him replace with her
  + If it contains his replace with hers
  + You will need to check if its part of a larger word when replacing i.e. this" otherwise you will end up changing words like this to thers (for a simple method check if it has spaces either side)
  + Print the original and then the swapped result

Text

Description automatically generated

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.