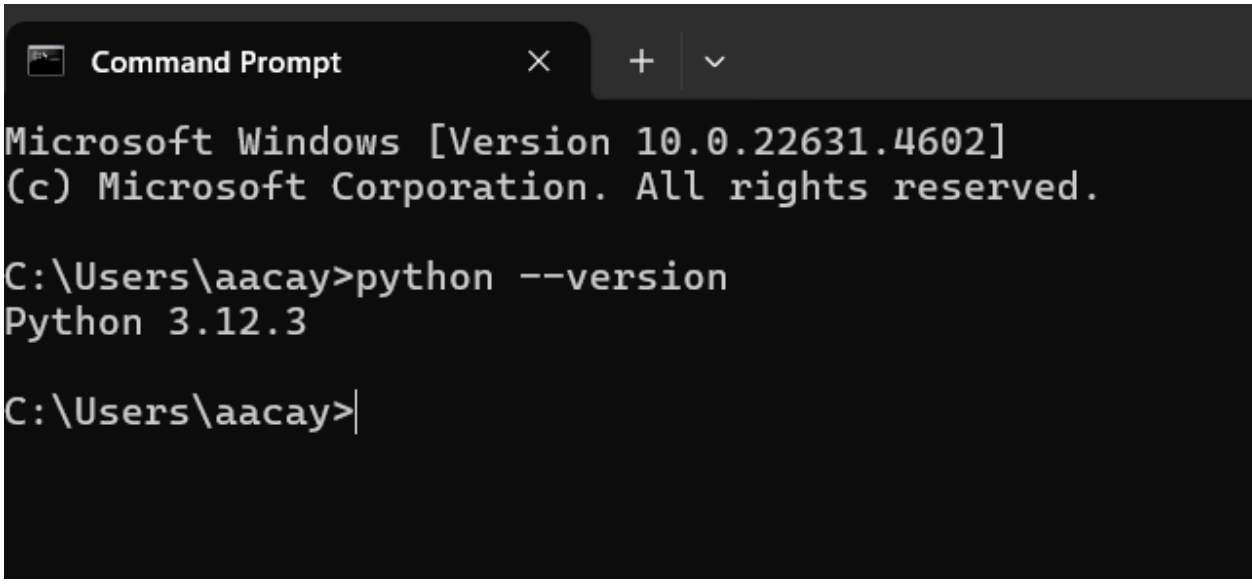
CISC 179 Lab 1

1) Create a two-column table; the first column stores the number of languages, and the second column stores the type of language (compiled, interpreted, or both).
   1-6 found in reading 7-12 found through research

Number of languages	Type of language (compiled, interpreted, or both)
1) Python	1) Interpreted
2) CPython	2) Interpreted
3) Cython	3) Both
4) Jython	4) Both
5) PyPy	5) Both
6) RPython	6) Compiled
7) C++	7) Compiled
8) Java	8) Both
9) JavaScript	9) Interpreted
10) Go	10) Compiled
11) Ruby	11) Interpreted
12) Rust	12) Compiled

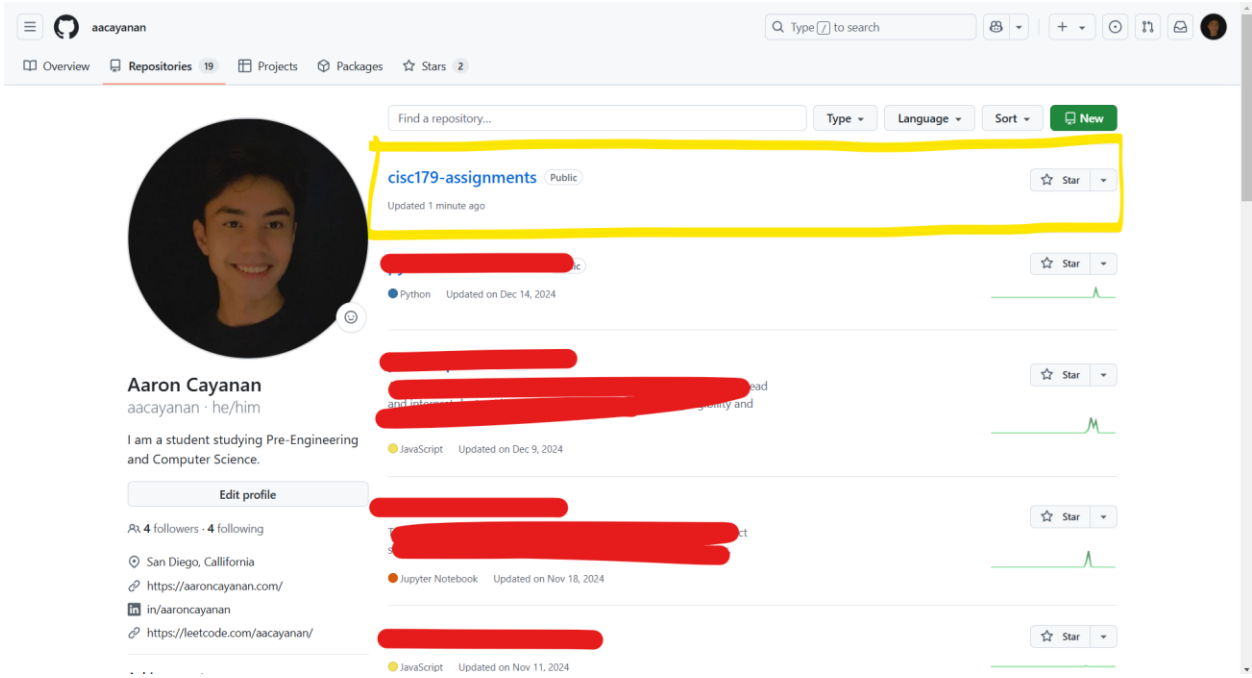
2) Discuss the real-world example where Python performance is superior to compiled languages such as C++. To answer this question, you need to do some research.
   a. Some real-world examples where Python performance is superior to compiled languages such as C++ are (all of which I have some experience in):
      i. Data Processing- manipulating data with libraries such as Pandas make it easier to read, write, and understand.
      ii. Machine Learning- creating machine learning models with libraries like TensorFlow make it easier and faster.
      iii. Backend web development- A framework like Flask allows for fast development of web applications. C++ can make it faster to run but Python makes it easier and faster to deploy.
3) Take a screenshot that shows that Python3 is installed successfully on your PC. The screenshot should show the installed Python version.

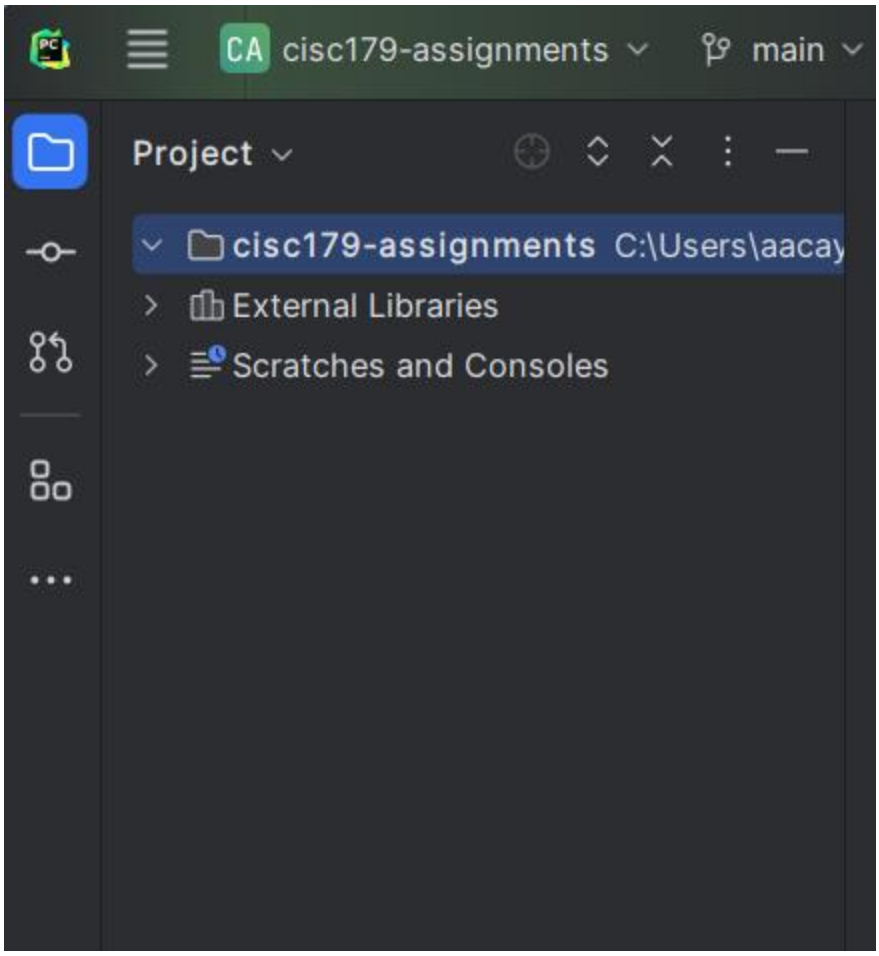
a.



4) Take a screenshot that shows that the Github repository is all set up for this course.

a.



b. 
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External Libraries
Scratches and Consoles