

Name: _____

SI 206 Exam #2 – Closed book, closed note

Each question is worth 5 points, no partial credit. Max score 100pts.

Keep your answers short!!

1. Write a (very small) example of JSON
2. Write a (very small) example list
3. Write a (very small) example dictionary

Twitter:

4. In the code below what data type is ***tweet.text***?
for tweet in public_tweets:
 print(tweet.text)

git:

5. Show the command to create a repository. Assume you are in the directory hw1.
6. What is the command to create a variable called ***upstream*** that will link to the repository at <https://github.com/cvl/test.git>.
7. You just changed a file called text.txt in a working repository. Show the commands necessary to save this file to your Github repository using the ***upstream*** variable created in #8.
8. What is the difference between the commands below?
“git add homework1.py”
“git add .”

SQL

9. What is a tuple? (Short answer)

10. What is an attribute? (Short answer)

Assume the following command has been executed:

```
CREATE TABLE Artists(track VARCHAR(128), rating VARCHAR(128))
```

and that data has been inserted into the table.

11. Write a SQL command that will return all of the data from the table.

12. Write a SQL command that will return only the tracks.

13. Write a SQL command that will return only the tracks that start with "Mc".