My program can store tuples in a table by keeping track number of commas that are being used in the parameter and add 1 to get the total number of parameters into the table creation. It can be shown in the createTable function of my source code. I have implemented these function insertion, deletion, modification, and query by using the helper function to make sure the function is working properly we are using database to see if the insertion, deletion, modification, and query are doing the output of the test script. The helper function helps me determine where the column of the table database is at and can clearly see output for the user to see that the programming is working. The whereCommand function helps with deletion, query, and modification since most of the command lines in the test script has the “where” command that finds the output of table database. Deletion represents which database to delete from the user to see the results of the output of user’s command table database. For insertion, we wanted to see how many record that user has put into the table database and for modification that we can see how many records modified when the user has changed something to the table database. There is an extra output that I have no idea where it is coming from but it has the expected output except for the extra output.

To compile my program, I go to cse unr server since my terminal can’t compile the program at all.

**Steps:**

Scp -r filename of my program [username@ubuntu.cse.unr.edu](mailto:username@ubuntu.cse.unr.edu):~/

Ssh [username@ubuntu.cse.unr.edu](mailto:username@ubuntu.cse.unr.edu)

Go to where my file is located and executed by this command:

python2 jaredlam\_PA2.py