**QA Checks – Coding Exercise**

**Python Based Solution –**

Used the cx\_Oracle module of python run the SQLs on the Oracle database.

The Script loops through the entries of the qa\_tests table and runs the validation SQLs only when the enabled flag is marked as ‘Y ‘.The database credentials were stored on a configuration file on my pc.

The Output of the script will be as mentioned in the exercise, ie Code,Sql & Result

Attaching the Python script and the Output from the console.





**Oracle PL/SQL Based Solution –**

The Oracle based solution follows the exact same method, the procedure fires a query against the qa\_tests table and loops through the rows. The validation SQLs are executed only when the enabled flag is marked as ‘Y’.

Attaching the PL/SQL Code and the Output from the console.





**DDLs and DMLs used**

