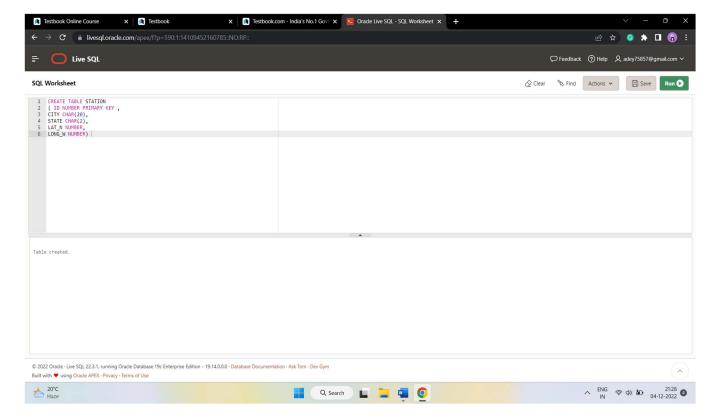
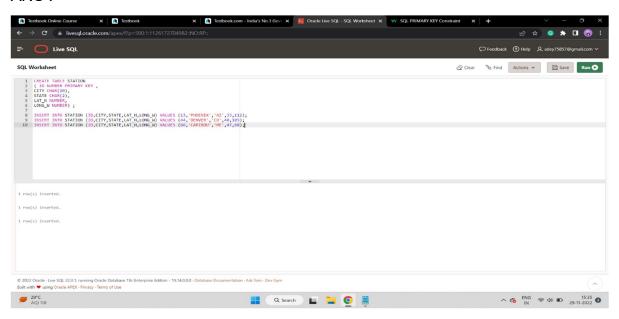
1.Create a table "Station" to store information about weather observation stations ANS:

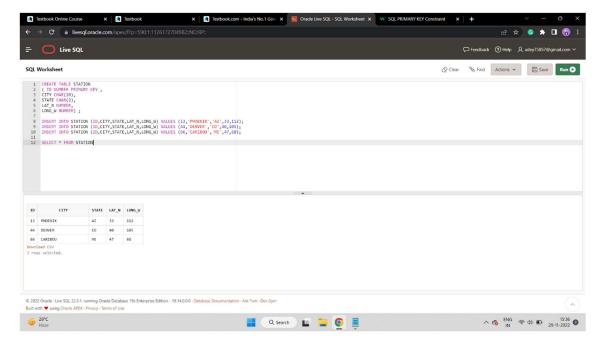


2.Insert the following records into the table :

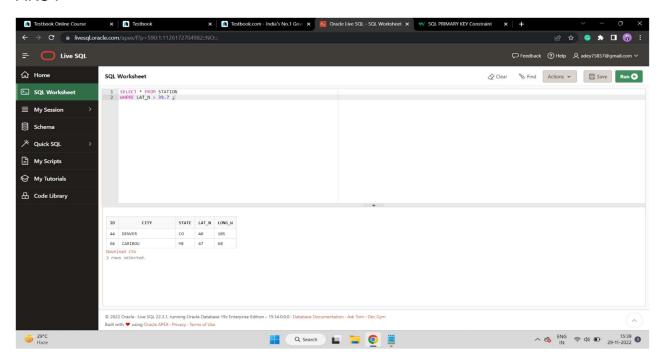


3. Execute a query to look at table STATION in undefined order.

ANS:

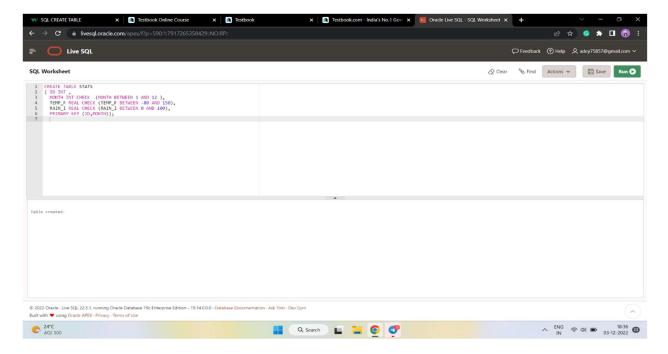


4. Execute a query to select Northern stations (Northern latitude > 39.7).

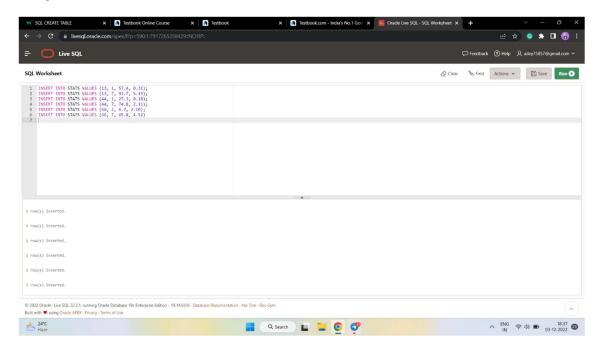


5.Create another table, 'STATS', to store normalized temperature and precipitation data:

ANS:

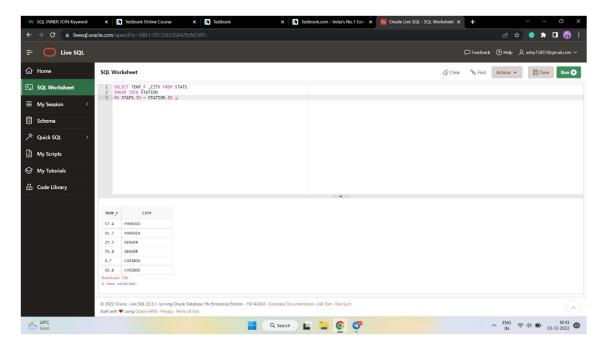


6. Populate the table STATS with some statistics for January and July: ANS :

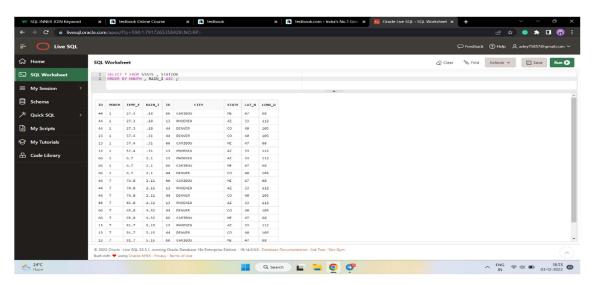


7. Execute a query to display temperature stats (from STATS table) for each city (from Station table).

ANS:

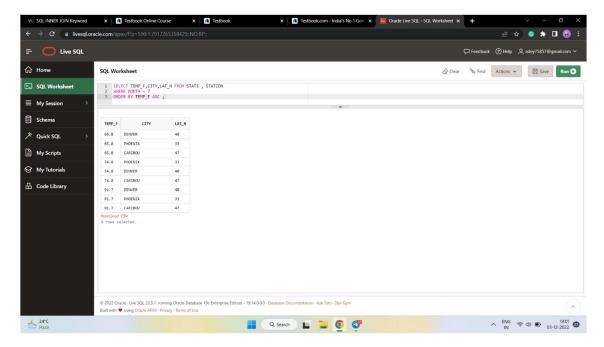


8. Execute a query to look at the table STATS, ordered by month and greatest rainfall, with columns rearranged. It should also show the corresponding cities.

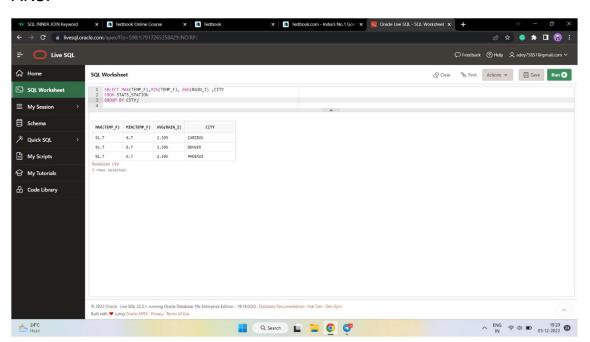


9. Execute a query to look at temperatures for July from table STATS, lowest temperatures first, picking up city name and latitude.

ANS:

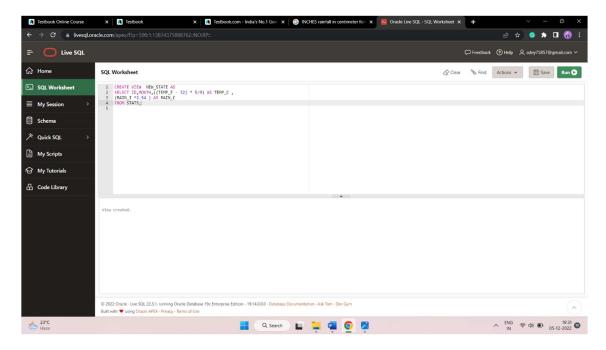


IO. Execute a query to show MAX and MIN temperatures as well as average rainfall for each city.

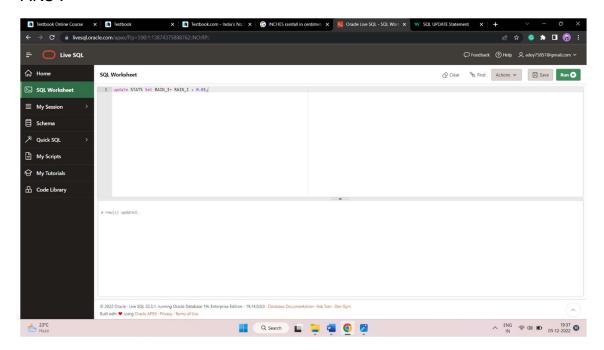


11. Execute a query to display each city's monthly temperature in Celcius and rainfall in Centimeter.

ANS:



12. Update all rows of table STATS to compensate for faulty rain gauges known to read 0.01 inches low.



13. Update Denver's July temperature reading as 74.9

