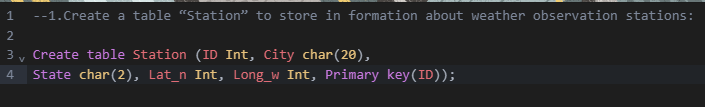
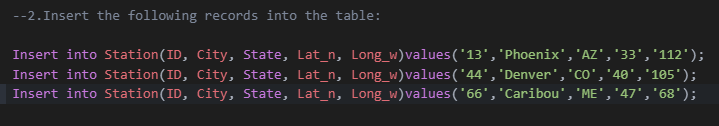
**SQL MAJOR ASSIGNMENT**

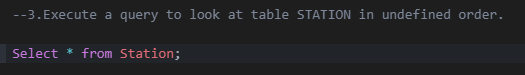
**Q1. Create a table “Station” to store information about weather observation stations.**

****

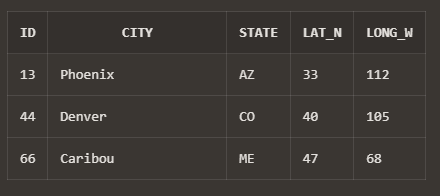
**Q2. Insert the following records into the table.**

****

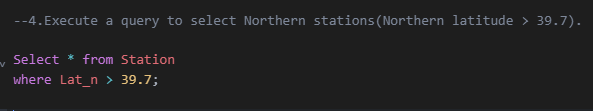
**Q3. Execute a query to look at table STATION in undefined order.**

****

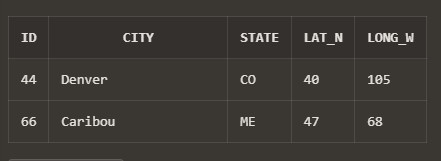
**Result:**

****

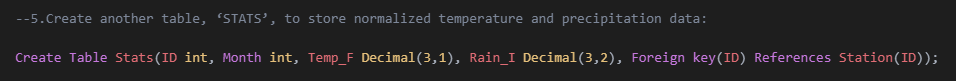
**Q4. Execute a query to select Northern stations(Northern latitude > 39.7).**

****

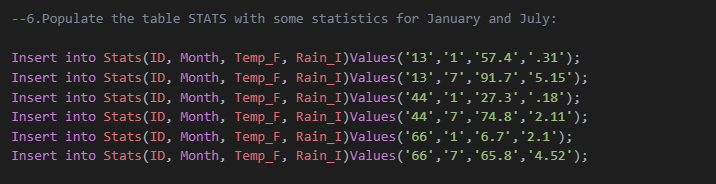
**Result:**

****

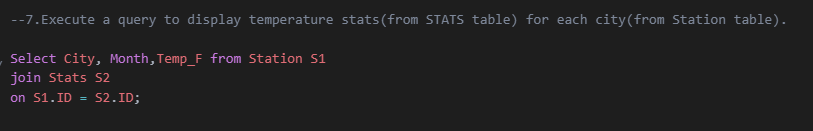
**Q5. Create another table, ‘STATS’, to store normalized temperature and precipitation data.**

****

**Q6. Populate the table STATS with some statistics for January and July.**

****

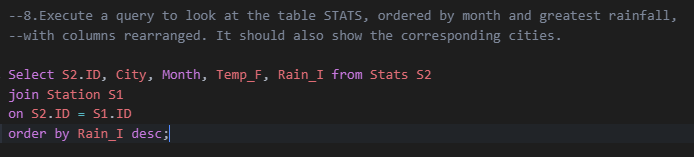
**Q7. Execute a query to display temperature stats(from STATS table) for each city(from Station table).**

****

**Result:**

****

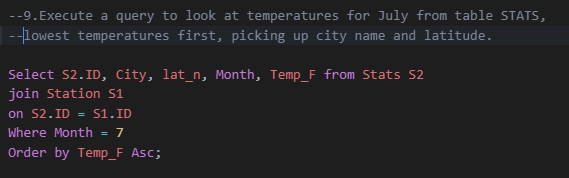
**Q8. Execute a query to look at the table STATS, ordered by month and greatest rainfall, with columns rearranged. It should also show the corresponding cities.**

****

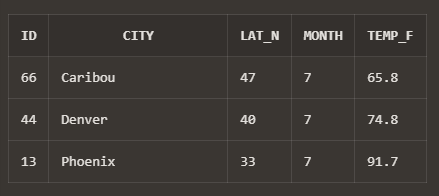
**Result:**

****

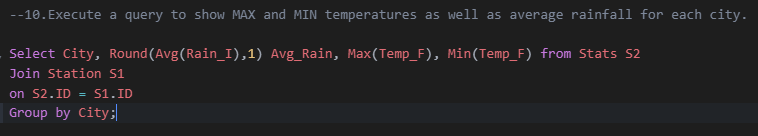
**Q9. Execute a query to look at temperatures for July from table STATS, lowest temperatures first, picking up city name and latitude.**

****

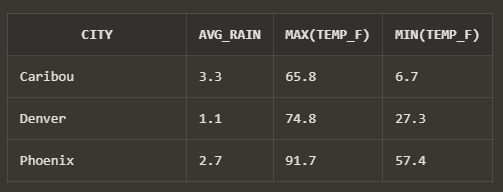
**Result:**

****

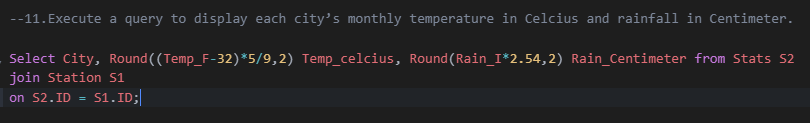
**Q10. Execute a query to show MAX and MIN temperatures as well as average rainfall for each city.**

****

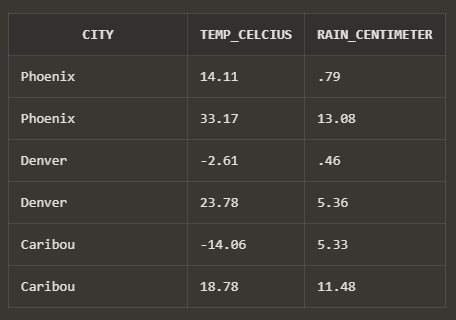
**Result:**

****

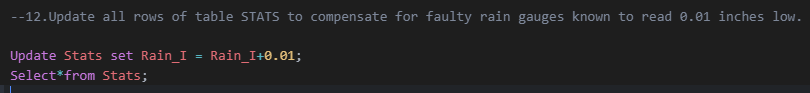
**Q11. Execute a query to display each city’s monthly temperature in Celcius and rainfall in Centimeter.**

****

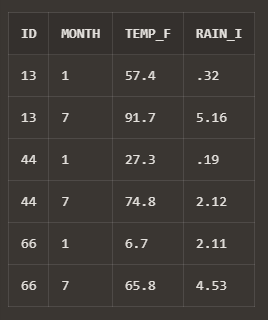
**Result:**

****

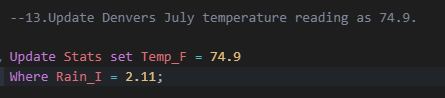
**Q12. Update all rows of table STATS to compensate for faulty rain gauges known to read 0.01 inches low.**

****

**Result:**

****

**Q13. Update Denvers July temperature reading as 74.9.**

****

**\*Thank You\***