Database Design – 2023W

Student ID :

Student Name :

Practical Activity#21#22#23#24

Create the tables and insert the data to the required tables using the script i have uploded with this Assignment

Then show the tables created

Must show connection name / login name in every screen

Write SQL Statements to retrieve the data in each of the following cases

Explain the SQL ststement too.

**** Rename the first column in every SQL Statement with your first name (Except for the Question 1)**

i.e crime_ID AS "sagara_Crime_ID"

Questions

Practical Activity#1

1. List all criminal aliases beginning with the letter B.

2. List all crimes that occurred (were charged) during the month November 2008. List the crime ID, criminal ID, date charged, and classification.

3. List all crimes with a status of CA (can appeal) or IA (in appeal). List the crime ID, criminal ID, date charged, and status.

Practical Activity #2

4. List all crimes classified as a felony. List the crime ID, criminal ID, date charged, and classification. (classification is 'F')

5. List all crimes with a hearing date more than 14 days after the date charged. List the crime ID, criminal ID, date charged, and hearing date.

6. List all criminals with the zip code 23510. List the criminal ID, last name, and zip code. Sortthe list by criminal ID.

Practical Activity #3

7. List all crimes that don't have a hearing date scheduled. List the crime ID, criminal ID, date charged, and hearing date.

8. List all sentences with a probation officer assigned. List the sentence ID, criminal ID, and probation officer ID. Sort the list by probation officer ID and then criminal ID.

Practical Activity #4

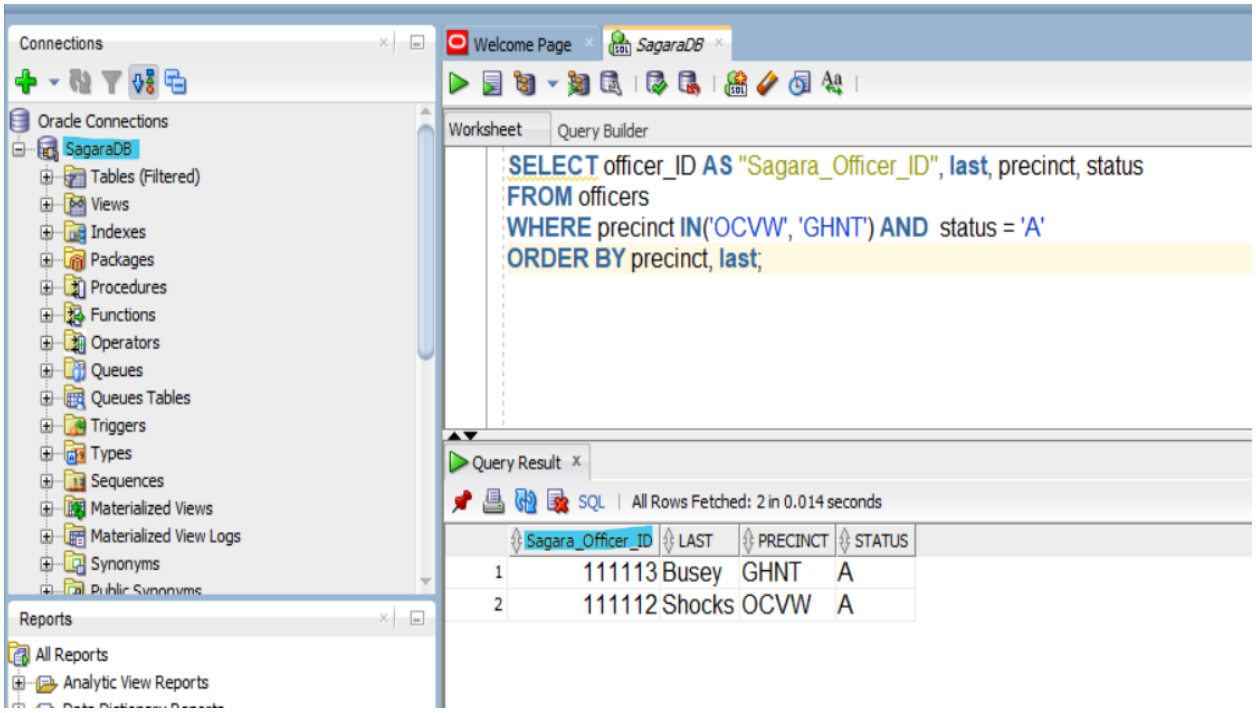
9. List all crimes that are classified as misdemeanors (classification ='M') and are currently in appeal (stat is 'IA'). List the crime ID, criminal ID, classification, and status.

10. List all crime charges with a balance owed. List the charge ID, crime ID, fine amount, court fee, amount paid, and amount owed.

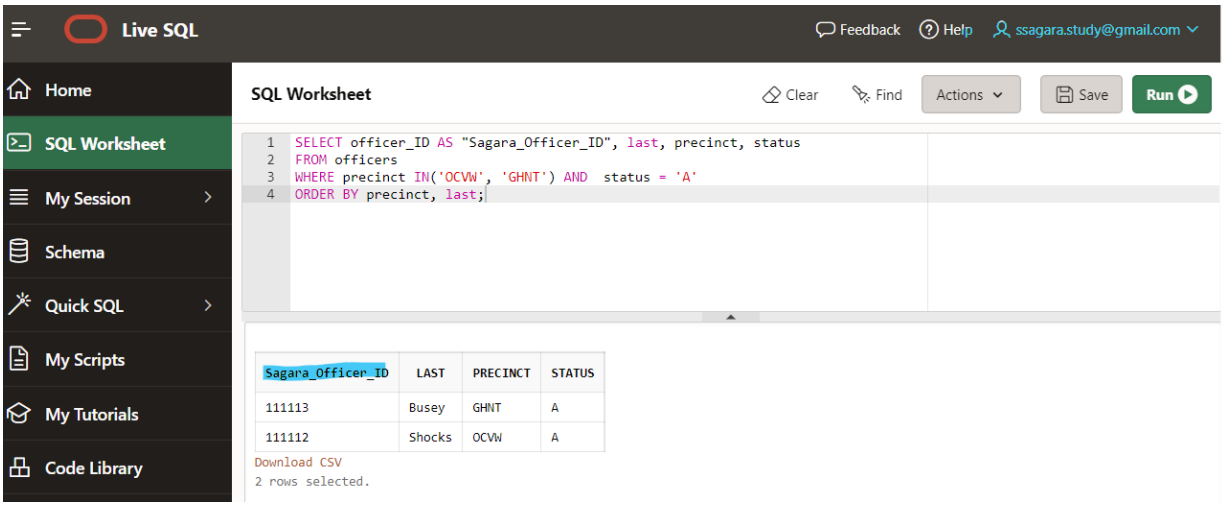
** SUBMIT BEFORE DEADLINE

Sample Output

Oracle Installation


Connections
Oracle Connections
SagaraDB
Tables (Filtered)
Views
Indexes
Packages
Procedures
Functions
Operators
Queues
Queues Tables
Triggers
Types
Sequences
Materialized Views
Materialized View Logs
Synonyms
Reports
All Reports
Analytic View Reports
Welcome Page
SagaraDB
Worksheet
Query Builder
SELECT officer_ID AS "Sagara_Officer_ID", last, precinct, status
FROM officers
WHERE precinct IN('OCVW', 'GHNT') AND status = 'A'
ORDER BY precinct, last;
Query Result
SQL | All Rows Fetched: 2 in 0.014 seconds
Sagara_Officer_ID LAST PRECINCT STATUS
1 111113 Busey GHNT A
2 111112 Shocks OCVW A

Live SQL


Live SQL
Feedback
Help
ssagara.study@gmail.com
Home
SQL Worksheet
My Session
Schema
Quick SQL
My Scripts
My Tutorials
Code Library
SQL Worksheet
Clear
Find
Actions
Save
Run
1 SELECT officer_ID AS "Sagara_Officer_ID", last, precinct, status
2 FROM officers
3 WHERE precinct IN('OCVW', 'GHNT') AND status = 'A'
4 ORDER BY precinct, last;
Sagara_Officer_ID LAST PRECINCT STATUS
111113 Busey GHNT A
111112 Shocks OCVW A
Download CSV
2 rows selected.