FINAL PROJECT

Course Code: DBAS32100

Course Name: Database Management

Group Members' names:

Nupur Bhavsar

Vinitkumar Patel

Umang Deval

Omar Radwan

Asmabanu Saiyed

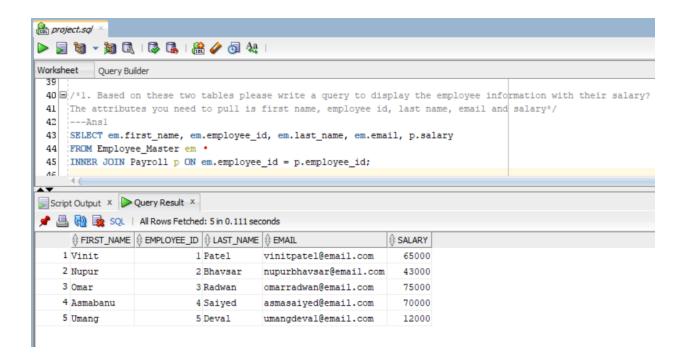
Payroll table:

```
project.sql ×
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Worksheet Query Builder
  1 ----Creating Payroll table and inserting values in it-----
  2 CREATE TABLE Payroll (
     employee_id INT,
      salary INT,
     net_salary INT,
      hourly salary INT,
      bonus_salary INT,
  7
  8
      compensation INT,
     IBAN INT,
 10
     account_no INT
 11 );
 13 INSERT INTO Payroll VALUES (1, 65000, 95000, 30, 5000, 1000, 123456789, 987654321);
 14 INSERT INTO Payroll VALUES (2, 43000, 96000, 25, 2500, 500, 234567890, 876543210);
 15 INSERT INTO Payroll VALUES (3, 75000, 90000, 35, 10000, 2000, 345678901, 765432109);
 16 INSERT INTO Payroll VALUES (4, 70000, 80000, 20, 10000, 2000, 345678901, 765432109);
 17
     INSERT INTO Payroll VALUES (5, 12000, 70000, 25, 10000, 2000, 345678901, 765432109);
 10
Script Output X
📌 🧼 🖥 💂 📘 | Task completed in 0.234 seconds
Table PAYROLL created.
1 row inserted.
1 row inserted.
1 row inserted.
1 row inserted.
```

Employee_Master table:

```
project.sql ×
testStudent
personal_id INT,
first_name VARCHAR(50),
last_name VARCHAR(50),
country VARCHAR(50),
26
27
28
29
     dob DATE,
gender VARCHAR(10),
     address VARCHAR(200),
mobile INT,
email VARCHAR(100),
department_id INT
30
31
Script Output ×
📌 🧳 🔡 🚇 📃 | Task completed in 0.205 seconds
Table EMPLOYEE_MASTER created.
l row inserted.
1 row inserted.
1 row inserted.
```

ANS1:



ANS2:

```
project.sq/ ×
Worksheet Query Builder
 47
    ----2. Write a query to display the third maximum salary from payroll table?--
 48 ---Ans2
 49 SELECT salary
 50 FROM (
       SELECT salary, ROW_NUMBER() OVER (ORDER BY salary DESC) AS rn
 51
 52
      FROM Payroll
 53
 54
    WHERE rn = 3;
Script Output X Query Result X
# 🚇 🙀 🔯 SQL | All Rows Fetched: 1 in 0.026 seconds

⊕ SALARY

    1
      65000
```

ANS3:

```
project.sql ×
  Worksheet Query Builder
      56 ----Creating Patient table
57 CREATE TABLE Patient (
     57 CREATE TABLE Patient | 58 patient | 1 p
                              nationality VARCHAR(50),
    address Varon-
65 phone INT,
66 email VARCHAR(100)
       66
67
);
       71 © CREATE OR REPLACE PROCEDURE InsertTwoPatients
       72 AS
73 BEGIN
       74 INSERT INTO Patient VALUES (1, 'Kethy', 'Clark', '1996-05-04', 'Canada', 'Male', '142 George Street, Toronto, Canada', 9948758796, 'kethyclark@email.com');
75 INSERT INTO Patient VALUES (2, 'Amy', 'Smith', '1898-12-25', 'USA', 'Female', '3220 Baker Street, London, USA', 4075893654, 'amysmith@email.com');
      76 END;
77 /
78 EXEC InsertTwoPatients;
  Script Output X
     📌 🥢 🔡 🏭 | Task completed in 0.07 seconds
  Table PATIENT created.
   Procedure INSERTTWOPATIENTS compiled
PL/SQL procedure successfully completed.
```

ANS4:

```
project.sql ×
🕨 🕎 👸 🗸 📓 🐧 | 🐉 🕵 | 🖀 🥢 👩 👭 |
Worksheet Query Builder
  80 ----Creating Nurse tablet-----
  81 CREATE TABLE Nurse (
  82 employee_id INT,
      name VARCHAR(100),
position VARCHAR(50),
registered VARCHAR(1),
ssn INT
  83
  84
  85
  86
  87 );
  88
  89 INSERT INTO Nurse VALUES (101, 'Carla Espinosa', 'Head Nurse', 't', 1111111110);
  90 INSERT INTO Nurse VALUES (102, 'Laverne roberts', 'Nurse', 't', 222222220);
91 INSERT INTO Nurse VALUES (103, 'Paul Flowers', 'Nurse', 'f', 333333330);
  92
 _
 Script Output X
 🎤 🥢 🖥 🖺 🔋 | Task completed in 0.124 seconds
Table NURSE created.
1 row inserted.
1 row inserted.
1 row inserted.
```

```
m project.sql ×
🕨 💂 👸 🗸 📓 🗟 | 🐉 🕵 | 🤮 🥟 👩 ધ |
Worksheet Query Builder
 94
     ---4. Write a query to show the name of the nurses who are in Head Nurse position
 95
    ---Ans4
 96
    SELECT name
 97 FROM Nurse
 98
    WHERE position = 'Head Nurse';
 99
100
Script Output × Query Result ×
📌 🚇 🙀 🗽 SQL | All Rows Fetched: 1 in 0.038 seconds

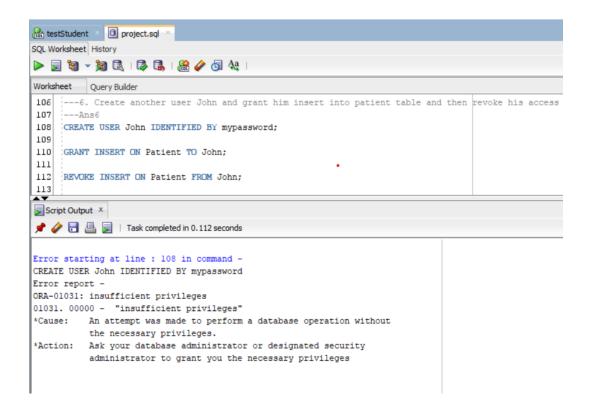
    NAME

    1 Carla Espinosa
```

ANS5:

```
testStudent D project.sql
SQL Worksheet History
Worksheet Query Builder
 100 [---5.Imagine we have a user Smith, and we want to grant him to select a new table. Please provide a password for him when you are creating that user
 102 CREATE USER Smith IDENTIFIED BY mypassword;
 103
 104 GRANT SELECT ON Employee_Master TO Smith;
Script Output X
 🎤 🧼 📑 🚇 📓 | Task completed in 0.248 seconds
 Error starting at line : 102 in command -
CREATE USER Smith IDENTIFIED BY mypassword
Error report -
ORA-01031: insufficient privileges
 01031. 00000 - "insufficient privileges"
*Cause: An attempt was made to perform a database operation without
          the necessary privileges.
 *Action: Ask your database administrator or designated security
          administrator to grant you the necessary privileges
```

ANS6:



ANS7:

