

Parul University

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PIET_Oracle DBMS_Course

PIET_Oracle DBMS_Session 3_COD

Attempt : 1

Total Mark : 80

Marks Obtained : 80

Section 1 : COD

1. Problem Statement:

Olivia is developing a banking system where she needs to track customer deposits and branches. To get a better understanding of the system, she needs to view the structure of the tables related to deposits and branches.

You need to describe the structure of the DEPOSIT and BRANCH tables.

Table Details:

Sample Input Records:

Task:

Describe the structure of the DEPOSIT table to understand its column details and constraints. Describe the structure of the BRANCH table to verify the column information and constraints. List all data from the DEPOSIT table to verify the inserted records. List all data from the BRANCH table to ensure the branch information is correct.

Answer

oracle.sql

DESC DEPOSIT;

DESC BRANCH;

SELECT*FROM DEPOSIT;

SELECT*FROM BRANCH;

Status : Correct

Marks : 10/10

2. Problem Statement:

Lucas is developing a food delivery system and needs to track customer orders and sailor details. He needs to view all the data from the CUSTOMERS and SAILORS tables to check for any missing records or incomplete information.

You need to list all data from the CUSTOMERS and SAILORS tables.

Table Details:

Sample Input Records:

Task

Describe the structure of the CUSTOMERS table to understand its column details and constraints. Describe the structure of the SAILORS table to verify the column information and constraints. List all data from the

CUSTOMERS table to verify the customer information.List all data from the SAILORS table to ensure the sailor details are correctly recorded.

Answer

oracle.sql

```
DESC CUSTOMERS;
```

```
DESC SAILORS;
```

```
SELECT*FROM CUSTOMERS;
```

```
SELECT*FROM SAILORS;
```

Status : Correct

Marks : 10/10

3. Problem Statement:

In a company, we need to manage employee details, including their names and cities. The company also needs to keep track of the managers responsible for the employees. To ensure data integrity and understand the database structure, you need to examine the table structures and verify all stored data across both employee and manager tables.

You need to list Employee name and its city, and also describe the managers of various employees.

Table Details:

Sample Input Records:

TaskDescribe the structure of the EMPLOYEES table to understand its column details and constraints.Describe the structure of the MANAGERS table to verify the column information and constraints.List all data from the EMPLOYEES table to verify the employee names and their cities.List all data from the MANAGERS table to verify the manager details associated

with the employees.

Answer

oracle.sql

DESC EMPLOYEES;

DESC MANAGERS;

SELECT NAME, CITY FROM EMPLOYEES;

SELECT*FROM MANAGERS;

Status : Correct

Marks : 10/10

4. Problem Statement:

Sophia is developing a maritime logistics application that needs to manage boat information and various products. She needs to view details from the PRODUCTS and BOATS tables to ensure the application is displaying the correct information.

You need to list the Boat Name and its color, and describe the PRODUCTS table for its details.

Table Details:

Sample Input Records:

Task:

Describe the structure of the BOATS table to understand its column details and constraints. List the Boat Name and its color from the BOATS table to verify that the boat details are correctly recorded. Describe the structure of the PRODUCTS table to view the column details and data types. List all data from the PRODUCTS table to ensure the product information is correctly recorded.

Answer

oracle.sql

DESC BOATS;

SELECT BOATNAME, COLOR FROM BOATS;

DESC PRODUCTS;

SELECT*FROM PRODUCTS;

Status : Correct

Marks : 10/10

5. Problem Statement:

Emily is developing a maritime navigation system to track sailors' details and their travel schedules. She needs to verify the sailor information and their travel dates. You need to list all sailors' names, their ages, and their ratings from the SAILORS table. Additionally, describe the TRAVEL table to get a better understanding of travel data..

Table Details:

Sample Input Records:

TaskList all Sailors' names, their ages, and their ratings from the SAILORS table to verify the sailor information. Describe the structure of the TRAVEL table to view the column details, data types, and any constraints. List all travel dates associated with each sailor from the TRAVEL table to ensure the travel information is correctly recorded. Describe the SAILORS table to view its structure and details, including the sailor's personal information.

Answer

oracle.sql

SELECT NAME, AGE, RATING FROM SAILORS;

DESC TRAVEL;

SELECT SAILORID, TRAVELDATE FROM TRAVEL;

DESC SAILORS;

Status : Correct

Marks : 10/10

6. Problem Statement:

Sophia is developing a maritime logistics application that needs to manage boat information and various products. She needs to verify product details and boat colors to ensure the application displays the correct information. You need to list the Boat Name and its color, and describe the PRODUCTS table to get a better understanding of the product details.

Table Details:

Sample Input Records:

Task Write a query to retrieve the boat name and color from the BOATS table. This will help Sophia ensure that the correct boat information is displayed in the application. Write a query to describe the PRODUCTS table to better understand the structure and details of the products. This is essential for verifying product details in the system. Write a query to select all products from the PRODUCTS table where the price is greater than 30. This will help Sophia filter and verify higher-priced products for the maritime logistics system. Write a query to delete the boat named 'SailMaster' from the BOATS table. This task helps in maintaining and cleaning the boat records in the application.

Answer

oracle.sql

SELECT BOATNAME, COLOR FROM BOATS;

```
DESC PRODUCTS;  
SELECT * FROM PRODUCTS WHERE PRICE > 30;  
DELETE FROM BOATS WHERE BOATNAME = 'SailMaster';
```

Status : Correct

Marks : 10/10

7. Problem Statement:

Emily is working on a maritime navigation system that tracks sailors and their travel dates. She needs to verify the travel details and ensure the sailors' data is accurate. You need to list all sailors' names, their travel dates, and the associated TravelID from the TRAVEL table. Additionally, describe the SAILORS table to get a better understanding of sailor details.

Table Details:

Sample Input Records:

Task List SailorID and TravelDate from the TRAVEL table
Describe the SAILORS table to view its structure.
List all Sailors who have a Rating of 4 or more.
Delete the record from the TRAVEL table where TravelID is 2.

Answer

oracle.sql

```
SELECT SAILORID,TRAVELDATE FROM TRAVEL;  
DESCRIBE SAILORS;  
SELECT SAILORID,NAME,AGE,RATING,EXPERIENCE FROM SAILORS WHERE  
RATING >=4;  
DELETE FROM TRAVEL WHERE TRAVELID = 2;
```

Status : Correct

Marks : 10/10

8. Problem Statement:

James is developing an e-commerce system to manage customer orders. He needs to verify customer and order data. You need to list the CustomerID and Name from the CUSTOMERS table. Additionally, describe the ORDERS table to get a better understanding of the order details.

Table Details:

Sample Input Records:

TaskList CustomerID and Name from the CUSTOMERS table. Describe the ORDERS table to view its structure. List all orders where the TotalAmount is greater than 300. Delete the order record where OrderID is 2.

Answer

oracle.sql

```
SELECT CUSTOMERID,NAME FROM CUSTOMERS;  
DESCRIBE ORDERS;  
SELECT * FROM ORDERS WHERE TOTALAMOUNT > 300;  
DELETE FROM ORDERS WHERE ORDERID = 2;
```

Status : Correct

Marks : 10/10