Parul University

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PIET_Oracle DBMS_Course

PIET_Oracle DBMS_Session 3_CY

Attempt : 2
Total Mark : 50
Marks Obtained : 50

Section 1 : COD

1. Problem Statement:

Alex is developing an event management system. He needs to track details of events and ticket sales for those events. You need to list the EventID, EventName, and TicketSold from the EVENTS table, and also describe the TICKETS table to understand ticket sale details.

Table Details:

Sample Input Records:

Task:

List EventID and EventName from the EVENTS table.Describe the TICKETS table to view its structure.List all records in TICKETS table where TicketSold is greater than 150.Delete the ticket record where TicketID is 4.

Answer

oracle.sql

SELECT EVENTID, EVENTNAME FROM EVENTS;

DESCRIBE TICKETS;

SELECT * FROM TICKETS WHERE TICKETSOLD > 150;

DELETE FROM TICKETS WHERE TICKETID = 4;

Status : Correct   *Marks : 10/10*

2. Problem Statement:

Alex is managing a refund system for events. He needs to track the refund status and calculate the number of tickets refunded for each event. You need to list the EventID, TicketPrice, and TicketRefunded from the TICKETS table. Additionally, describe the EVENTS table to get a better understanding of event details.

Table Details:

Sample Input Records:

Task:

List EventID, TicketPrice, and TicketRefunded from the TICKETS table.Describe the EVENTS table to view its structure.List all records in the TICKETS table where TicketRefunded is greater than 10.Delete the ticket record where TicketID is 3.

Answer

SELECT EVENTID, TICKETPRICE, TICKETREFUNDED FROM TICKETS;

DESC EVENTS;

SELECT * FROM TICKETS WHERE TICKETREFUNDED > 10;

DELETE FROM TICKETS WHERE TICKETID = 3;

Status : Correct   *Marks : 10/10*

3.   Problem Statement:

John is working on a farm management system to track crop planting and farm workers' work hours. He needs to track details about the crops grown on different farm fields and the workers working on them. You need to list the CropID, CropName, and AreaPlanted from the CROPS table, and also describe the WORKERS table to get a better understanding of farm workers' details.

Table Details:

Sample Input Records:

Task:

List CropID, CropName, and AreaPlanted from the CROPS table.Describe the WORKERS table to view its structure.List all workers who have worked more than 40 hours.Delete the worker record where WorkerID is 2.

Answer

oracle.sql

SELECT CROPID, CROPNAME, AREAPLANTED FROM CROPS;

DESC WORKERS;

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SELECT * FROM WORKERS WHERE HOURSWORKED > 40;

DELETE FROM WORKERS WHERE WORKERID = 2;
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Status : Correct   *Marks : 10/10*

4. Problem Statement:

Sophia is developing an online streaming platform to manage user
subscriptions to different content genres like movies, series, and
documentaries. You need to track user details and their subscription plans.
You need to list UserID, Username, and SubscriptionStatus from the USERS
table, and also describe the SUBSCRIPTIONS table to understand the
subscription details.

Table Details:

Sample Input Records:

Task:

List UserID, Username, and SubscriptionStatus from the USERS
table.Describe the SUBSCRIPTIONS table to view its structure.List all users
whose SubscriptionStatus is Active.Delete the record where UserID is 3
from the USERS table.

Answer

oracle.sql

SELECT UserID, Username, SubscriptionStatus FROM USERS;

DESCRIBE SUBSCRIPTIONS;

SELECT * FROM USERS WHERE SubscriptionStatus = 'Active';

DELETE FROM USERS WHERE UserID = 3;

Status : Correct   ***Marks : 10/10***

5. Problem Statement:

Lucas is developing an inventory management system to track products
and their suppliers. He needs to keep track of product details and the
suppliers who provide those products. You need to list the ProductID,
ProductName, and StockQuantity from the PRODUCTS table. Additionally,
describe the SUPPLIERS table to get a better understanding of the supplier
details.

Table Details:

Sample Input Records:

Task:

List ProductID, ProductName, and StockQuantity from the PRODUCTS
table.Describe the SUPPLIERS table to view its structure.List all products
where StockQuantity is greater than 150.Delete the product record where
ProductID is 3.

Answer

oracle.sql

SELECT PRODUCTID, PRODUCTNAME, STOCKQUANTITY FROM PRODUCTS;

DESCRIBE SUPPLIERS;

SELECT PRODUCTID, PRODUCTNAME, STOCKQUANTITY FROM PRODUCTS
WHERE STOCKQUANTITY > 150;

DELETE FROM PRODUCTS WHERE PRODUCTID = 3;