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Login Information and Tables created:

Graphical user interface, application

Description automatically generated

Question 1:

How many tables have been created? List the names of the created tables.

**ANS:**

Total 8 tables have been created

Tables Name:

1. CUSTOMERS
2. EMPLOYEES
3. OFFICES
4. ORDERDETAILS
5. ORDERS
6. PAYMENTS
7. PRODUCTLINES
8. PRODUCTS

Question 2:

Click on table customers. Click on the Data tab near the top of the worksheet. How many rows are there in the table customers?

**ANS:** There are total 122 rows in the CUSTOMERS table

Question 3:

What SQL statement would return the same results. Write the statement in the .sql file and execute it.

**ANS:** “SELECT \* FROM CUSTOMERS;” this sql statement return the same result.

Question 4:

How many columns does the employees table have? List the column names.

**ANS:**

There are total 8 columns in the EMPLOYEES table.

Question 5:

First row in table ‘CUSTOMERS’:

CUSTOMERNUMBER: 103

CUSTOMERNAME: Atelier graphique

CONTACTLASTNAME: Schmitt

PHONE: 40.32.2555

ADDRESSLINE1: 54, rue Royale

ADDRESSLINE2: (null)

CITY: Nantes

STATE: (null)

POSTALCODE: 44000

COUNTRY: France

SALESREPEMPLOYEENUMBER: 1370

CREDITLIMIT: 21000

* **Column Name** **Datatype**

CUSTOMERNUMBER: NUMBER (38,0)

CUSTOMERNAME : VARCHAR2(50 BYTE)

CONTACTLASTNAME : VARCHAR2(50 BYTE)

CONTACTFIRSTNAME : VARCHAR2(50 BYTE)

PHONE : VARCHAR2(50 BYTE)

ADDRESSLINE1 : VARCHAR2(50 BYTE)

ADDRESSLINE2 : VARCHAR2(50 BYTE)

CITY : VARCHAR2(50 BYTE)

STATE : VARCHAR2(50 BYTE)

POSTALCODE : VARCHAR2(50 BYTE)

COUNTRY : VARCHAR2(50 BYTE)

SALESREPEMPLOYEENUMBER : NUMBER(38,0)

CREDITLIMIT : NUMBER(10,2)

Question 6:

TABLE NAME ROWS COLUMNS

1. CUSTOMERS 122 13
2. EMPLOYEES 23 8
3. OFFICES 7 9
4. ORDERDETAILS 2996 5
5. ORDERS 326 7
6. PAYMENTS 273 4
7. PRODUCTLINES 7 4
8. PRODUCTS 110 9

Question 7:

Right Click on the orderdetails table and choose tables/count rows. How many rows does the order details table include?

**ANS:**

There are total 2996 rows in the ‘ORDERDETAILS’ table

Question 8:

Write the following SQL statement in the new tab.

**ANS:**

Result of the statement execution:

Table

Description automatically generated

Question 9:

Statement: “SELECT \* FROM CUSTOMERS;”

Explanation:

This statement is showing all the details of ‘CUSTOMERS’ table.

Statement: “SELECT \* FROM PAYMENTS ORDER BY PAYMENTDATE;”

Explanation:

This statement is showing the ‘PAYMENTS’ table and the order is sorted by the payment date. It is showing CUSTOMERNUMBER, CHECKNUMBER, PAYMENTDATE, AMOUNT these are the four column it is showing.

Question 10:

How many constraints does the products table have?

**ANS:**

There are total 11 constraints in the ‘PRODUCTS’ table.

Question 11:

Find a way to turn on line numbers in the gutter.**ANS:**

Right click on the gutter (blank space) and then select ‘Toggle Line Numbers’ option to turn on the line numbers.

Graphical user interface, text, application

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Question 12:

Set the font size in the worksheet editor to a size that is best for you.

**ANS:**

The font size I selected for the worksheet editor is 20

Graphical user interface, text, application

Description automatically generated