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

8 tables are created. ORDERDETAILS, PRODUCTLINES, RETAILCUSTOMERS, RETAILEMPLOYEES,

RETAILOFFICES, RETAILORDERS, RETAILPAYMENTS, RETAILPRODUCTS

2) Click on table **RETAILPRODUCTS**. Click on the Data tab near the top of the worksheet. How many rows are there in the table RETAILPRODUCTS?

110 rows are there.

3) Can you try the following SQL statement and write down how many results were displayed. Was it different results for all 3?

3.1 SELECT \* FROM RETAILPAYMENTS;

3.2 SELECT count(\*) FROM RETAILPAYMENTS;

3.3 SELECT count(1) FROM RETAILPAYMENTS;

You will learn how to select rows and columns from a table by writing SQL select statements later in this course.

3.1 273 results are displayed with all the rows and columns present in the table RETAILPAYMENTS

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3.2 1 result is displayed with value of 273 which represents the count of all rows from the table RETAILPAYMENTS

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3.3 1 result is displayed with value of 273 which represents the count of all rows from the table RETAILPAYMENTS

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The second and the third results are the same, but the first one is different.

4) How many columns does the RETAILOFFICES table have? List the column names.

9 columns. They are OFFICECODE, CITY, PHONE, ADDRESSLINE1, ADDRESSLINE2, STATE, COUNTRY, POSTALCODE, TERRITORY

5) What is the value of PRODUCTNAME and PRODUCTLINE for **PRODUCTCODE S18\_1129** in RETAILPRODUCTS table.

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The PRODUCTNAME is 1993 Mazda RX-7 and the PRODUCTLINE is Classic Cars for **PRODUCTCODE S18\_1129** in RETAILPRODUCTS table.

6) Write the number of rows and columns for REATILORDERS and ORDERDETAILS tables in the following format.

Table Name Rows Columns

RETAILORDERS 326 7

ORDERDETAILS 2996 5

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

2996 rows

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8) Write the following SQL statement in a new SQL worksheet.

desc RETAILORDERS;

You can also write

describe RETAILORDERS;

What is the result of the statement execution? Take a snap shot of the results and display them

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It displays the name and data type of each column, along with information on whether the data in each column is nullable.

9) Type the following statements in, execute them, then briefly describe what the statement is doing!. Take a snap shot of the results and display them

SELECT \* FROM RETAILCUSTOMERS ORDER BY CONTACTLASTNAME;

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Order all rows by the CONTACTLASTNAME (from A to Z) and print out all the rows from the table RETAILCUSTOMERS

SELECT \* FROM RETAILPAYMENTS ORDER BY PAYMENTDATE DESC;

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Order all rows by the PAYMENTDATE (from the largest to the smallest) and print out all the rows from the table RETAILPAYMENTS.

10) How many constraints does the RETAILPRODUCTS table have?

11 constraints

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