**Abcedi Ilacas**

**138180211**

[**ailacas1@myseneca.ca**](mailto:ailacas1@myseneca.ca)

A screenshot of a computer

Description automatically generated

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

8 tables have been created from the script provided. The names of the tables are:

-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?**

There are 110 rows in total in the table, RETAILPRODUCTS.

**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;**

From the 3 statements, 3 results were displayed but the 3.1 results were different from the 3.2 and 3.3 results. 3.2 and 3.3 had the same results which is just the count of RETAILPAYMENTS rows/tuples. 3.1 displayed all data from RETAILPAYMENTS including their tuples and attributes and the data in them.

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

RETAILOFFICES has 9 columns or 9 attributes. They are:  
-OFFICECODE

-CITY

-PHONE

-ADDRESSLINE1

-ADDRESSLINE2

-STATE

-COUNTRY

-POSTALCODE

-TERRIRORY

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

For PRODUCTCODE S18\_1129, the value for PRODUCTNAME is 1993 Mazda RX-7 and the value of PRODUCTLINE is Classic Cars.

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

|  |  |  |
| --- | --- | --- |
| **Table Name** | **Rows** | **Columns** |
| RETAILORDERS | 326 | 6 |
| ORDERDETAILS | 2996 | 5 |

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

The ORDERDETAILS table contains 2996 rows.

**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.**

The results for the statement is:  
Name Null? Type

-------------- -------- -------------

ORDERNUMBER NOT NULL NUMBER(38)

ORDERDATE NOT NULL DATE

REQUIREDDATE NOT NULL DATE

SHIPPEDDATE DATE

STATUS NOT NULL VARCHAR2(15)

COMMENTS VARCHAR2(500)

CUSTOMERNUMBER NOT NULL NUMBER(38)

A white paper with black text

Description automatically generated

**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;**

**SELECT \* FROM RETAILPAYMENTS ORDER BY PAYMENTDATE DESC;**

The first statement is ordering each RETAILCUSTOMERS row in CONTACTLASTNAME alphabetically A-Z.

The second statement is ordering RETAILPAYMENTS rows based on the PAYMENTDATE. It is ordering each row from the most recent PAYMENTDATE to the oldest PAYMENTDATE.

A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated

**10) How many constraints does the RETAILPRODUCTS table have?**

The table RETAILPRODUCTS has 11 constraints.

A screenshot of a computer

Description automatically generated