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

There was a total of 8 tables created which are:

* CUSTOMERS
* EMPLOYEES
* OFFICES
* ORDERDETAILS
* ORDERS
* PAYMENTS
* PRODUCTLINES
* PRODUCTS

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

The table CUSTOMERS has 122 rows.

1. What SQL statement would return the same results. Write the statement in the .sql file and execute it. You will learn how to select rows and columns from a table by writing SQL select statements later in this course.

SELECT COUNT(\*) FROM CUSTOMERS;

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

CUSTOMERS table has 13 columns which are:

* CUSTOMERNUMBER
* CUSTOMERNAME
* CONTACTLASTNAME
* CONTACTFIRSTNAME
* PHONE
* ADDRESSLINE1
* ADDRESSLINE2
* CITY
* STATE
* POSTALCODE
* COUNTRY
* SALESREPEMPLOYEENUMBER
* CREDITLIMIT

1. What is the value of each column in the first row in table customers? Write the column name and the column data type in addition to the value.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CUST  NUM. | CUST  NAME | CONT  LNAM | CONT  FNAM | PHONE | ADDR  LINE1 | ADDR  LINE2 | CITY | STATE | POST  CODE | COUN  TRY | SALE  REPN | CRED  LIMIT |
| 103 | Atelier graphi  que | Schmitt | Carine | 40.32.  2555 | 54, rue Royale | (null) | Nant  es | (null) | 44000 | France | 1370 | 21000 |

1. Write the number of rows and columns for the rest of the tables in your schema. Format it something like the following.

Table Name Rows Columns

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EMPLOYEES 23 8

OFFICES 7 9

ORDERDETAILS 2966 5

ORDERS 326 7

PAYMENTS 273 4

PRODUCTLINES 7 7

PRODUCTS 110 9

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

ORDERDETAILS contains 2996 rows.

1. Write the following SQL statement in the new tab. desc offices; You can also write describe offices; What is the result of the statement execution?

SQL> desc offices;

Name Null? Type

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OFFICECODE NOT NULL VARCHAR2(10)

CITY NOT NULL VARCHAR2(50)

PHONE NOT NULL VARCHAR2(50)

ADDRESSLINE1 NOT NULL VARCHAR2(50)

ADDRESSLINE2 VARCHAR2(50)

STATE VARCHAR2(50)

COUNTRY NOT NULL VARCHAR2(50)

POSTALCODE NOT NULL VARCHAR2(15)

TERRITORY NOT NULL VARCHAR2(10)

1. Type the following statements in, execute them, then briefly describe what the statement is doing! SELECT \* FROM employees; SELECT \* FROM customers ORDER BY ContactLastName;

The sql statement selects all the rows and columns from the EMPLOYEES table and also the CUSTOMERS table, but the CUSTOMERS table is being ordered by contactLastName column.

1. How many constraints does the products table have?

PRODUCT table has 9 constraints

1. Find a way to turn on line numbers in the gutter. Where is the gutter? Describe its location in your solution file

Right click the area just left of your code (should be a blank area) and you’ll see “Toggle Line Numbers”.