Answer the following questions in the SQL Developer Worksheet area. Use comment blocks for answers that are not running code.

In the connections window, expand **Tables.**

1) How many tables have been created? List the names of the created tables. **8 :**
   Customers
   Employees
   Offices
   Orderdetails
   Orders
   Payments
   Productlines
   Products

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**?

   122

3) What SQL statement would return the same results. Write the statement in the .sql file and execute it.
   select * From customers;

4) How many columns does the **customers** table have? List the column names. **13**
   CustomerNumber
   CustomerName
   ContactLastname
   ContactFirstname
   Phone
   AddressLine1
   AddressLine2
   City
   State
   Postalcode
   Country
   SalesRepEmployeeNumber
   CredditLimit

5) 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.

CustomerNumber	CustomerName	ContactLastname	ContactFirstname	Phone	AddressLine1
103	Atelier graphique	Schmitt	Carine	40.32.2555	54, rue Royale

AddressLine2	City	State	Postalcode	Country	SalesRepEmployeeNumber	CredditLimit
(null)	Nantes	(null)	44000	France	1370	21000

6) 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
Employees	23	8
Offices	7	9
Orderdetails	2996	5
Orders	326	7
Payments	273	4
Productlines	7	4
Products	110	9

7) Right Click on the **orderdetails** table and choose tables/count rows. How many rows does the order details table include? **2996**

8) 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?

Name	Null?	Type
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)**

9) Type the following statements in, execute them, then briefly describe what the statement is doing!

```
SELECT * FROM employees;

SELECT * FROM customer ORDER BY ContactLastName;
```

The first statement lists the values ordered by the first column, employeenumber. The second statement lists the values by the order of contactlastname as we told it to do so.

10) How many constraints does the **products** table have? **11**

11) Find a way to turn on line numbers in the gutter.

Right-click on the gutter and choose 'Toggle Line Numbers'

12) Set the font size in the worksheet editor to a size that is best for you. (Hint: Tools/Preferences)

Tools/Preferences/Code Editor/Fonts/Font Size