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1  -- -----
2  -- DBS211 - Lab 01
3  -- Name: Md Rafi Al Arabi Bhuiyan
4  -- StudentID: 147307193
5  -- Date: 24 May 2020
6  -- -----
7
8  -- Question 1
9  /* How many tables have been created? List the names of the created tables. */
10
11 /* There are 8 tables created on DBS211. Name of tables: 1.CUSTOMERS 2.EMPLOYEES 3.OFFICES 4.ORDERDETAILS 5.ORDER
S 6.PAYMENTS 7.PRODUCTLINE 8.PRODUCTS. */
12
13
14 -- Question 2
15 /* Click on table customers. Click on the Data tab near the top of the worksheet. How many rows are there in the
table customers? */
16
17 /* Table customers consist of 122 rows */
18
19
20 -- Question 3
21 /* What SQL statement would return the same results. Write the statement in the .sql file and execute it. */
22
23 /* SELECT * FROM CUSTOMERS */
24
25
26 -- Question 4
27 /* How many columns does the customers table have? List the column names. */
28
29 /* Customers table have 13 columns, such as:
30 1.CUSTOMERNUMBER
31 2.CUSTOMERNAME
32 3.CONTACTLASTNAME
33 4.CONTACTFIRSTNAME
34 5.PHONE
35 6.ADDRESSLINE1
36 7.ADDRESSLINE2
37 8.CITY
38 9.STATE
39 10.POSTALCODE
40 11.COUNTRY
41 12.SALESREPEMPLYEENUMBER
42 13.CREDITLIMIT */
43
44
45 -- Question 5
46 /* What is the value of each column in the first row in table customers? Write the column name and the column dat
a type in addition to the value. */
47
48 /*
49 Column name          Data type          Value
50
51 CUSTOMERNUMBER        NUMBER(38,0)        103
52 CUSTOMERNAME          VARCHAR(50 BYTE)    Atelier graphique
53 CONTACTLASTNAME       VARCHAR2(50 BYTE)    Schmitt
54 CONTACTFIRSTNAME      VARCHAR2(50 BYTE)    Carine
55 PHONE                 VARCHAR2(50 BYTE)    40.32.2555
56 ADDRESSLINE1          VARCHAR2(50 BYTE)    54, rue Royale
57 ADDRESSLINE2          VARCHAR2(50 BYTE)    (null)
58 CITY                  VARCHAR2(50 BYTE)    Nantes
59 STATE                 VARCHAR2(50 BYTE)    (null)
60 POSTALCODE            VARCHAR2(15 BYTE)    44000
61 COUNTRY               VARCHAR2(50 BYTE)    France
62 SALESREPEMPLYEENUMBER NUMBER(38,0)        1370
63 CREDITLIMIT           NUMBER(10,2)        21000
64
65 */
66
67
68 -- Question 6
69 /* Write the number of rows and columns for the rest of the tables in your schema. Format it something like the f
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following. */
70
71 /* Table Name           Rows           Columns
72
73     EMPLOYEES             23             8
74     OFFICES               7             9
75     ORDERDETAILS         2996            5
76     ORDERS               326            7
77     PAYMENTS             273            4
78     PRODUCTLINES         7             4
79     PRODUCTS             110            9
80
81 */
82
83
84 -- Question 7
85 /* Right Click on the orderdetails table and choose tables/count rows.  How many rows does the order details tabl
e include? */
86
87 /* 2996 ROWS */
88
89
90 -- Question 8
91
92 /* Write the following SQL statement in the new tab.
93         desc offices;
94         You can also write
95         describe offices;
96         What is the result of the statement execution?
97 */
98
99 /*
100
101 Name           Null?      Type
102 -----
103 OFFICECODE     NOT NULL  VARCHAR2(10)
104 CITY           NOT NULL  VARCHAR2(50)
105 PHONE          NOT NULL  VARCHAR2(50)
106 ADDRESSLINE1  NOT NULL  VARCHAR2(50)
107 ADDRESSLINE2              VARCHAR2(50)
108 STATE          VARCHAR2(50)
109 COUNTRY        NOT NULL  VARCHAR2(50)
110 POSTALCODE     NOT NULL  VARCHAR2(15)
111 TERRITORY      NOT NULL  VARCHAR2(10)
112
113 */
114
115
116 -- Question 9
117
118 /* Type the following statements in, execute them, then briefly describe what the statement is doing!
119         SELECT * FROM employees;
120         SELECT * FROM customer ORDER BY ContactLastName;
121 */
122
123 /* The first statement select all data from the 'EMPLOYEES' table.
124     The Second statement select all customers from 'CUSTOMERS' table by their lastname.
125 */
126
127
128 -- Question 10
129
130 /* How many constraints does the products table have? */
131
132 /* 11 constraints */
133
134 -- Question 11
135
136 /* Find a way to turn on line numbers in the gutter. */
137
138 /* Right click here and select 'Toggle Line Numbers' */
139
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140 -- Question 12
141
142 /* Set the font size in the worksheet editor to a size that is best for you. (Hint: Tools/Preferences) */
143
144 /* '22' is best font size for me. */
```