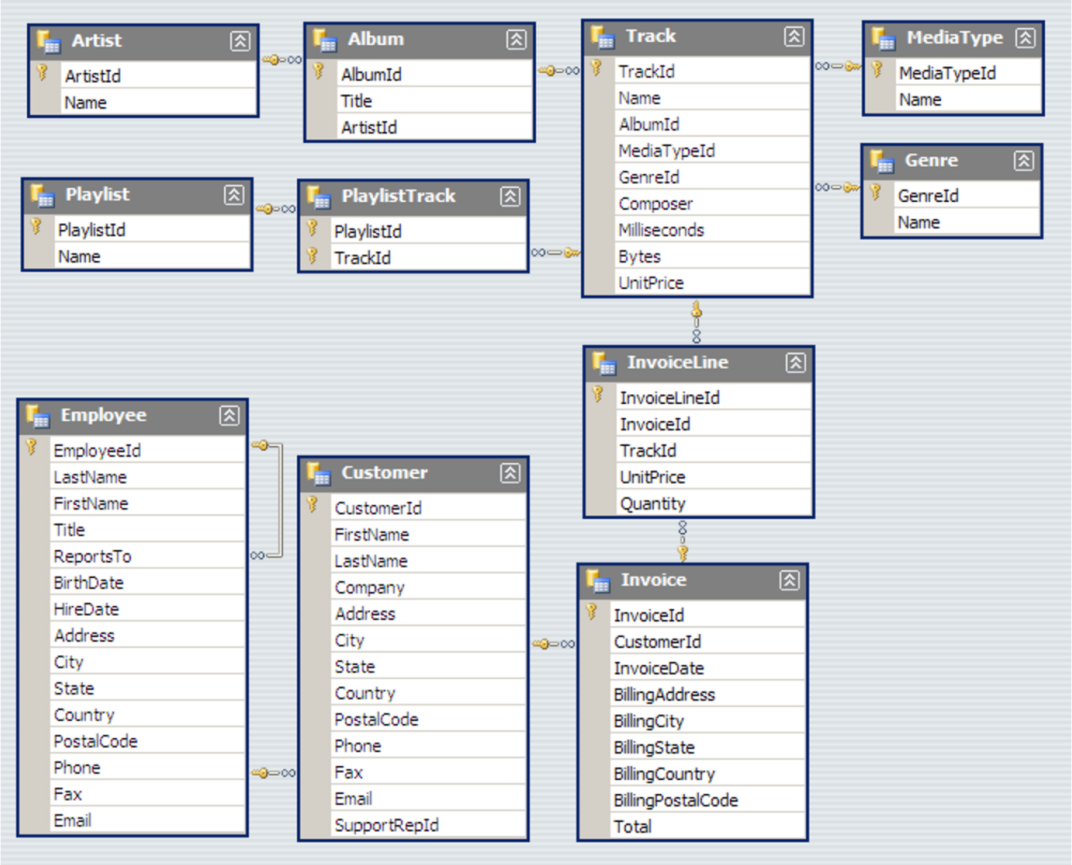


1.

select "FirstName", "LastName", "EmployeeId", "Title" from "Employee" order by "Title" DESC

3.

select "FirstName", "LastName", "Title", "EmployeeId", "ReportsTo" from "Employee" where "ReportsTo"=(select "EmployeeId" from "Employee" Where "FirstName"='Nancy' and "LastName"='Edwards')

5.

select AVG(date_part('year', "HireDate")-date_part('year', "BirthDate")) from "Employee";

7.

select "FirstName", "LastName", "Title", "EmployeeId" from "Employee" order by "BirthDate" limit 3

9.

select "FirstName", "LastName", "City" from "Customer" where "Country"='USA' and "State" not like 'CA'

11.

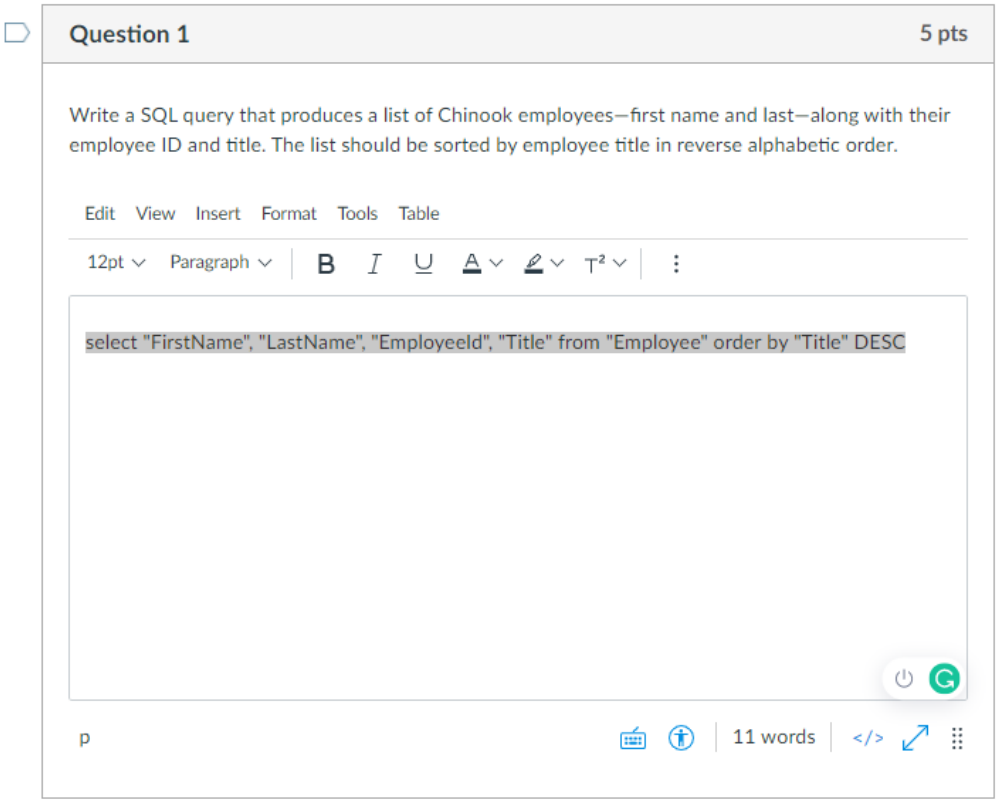
select "CustomerId", "LastName", "Country" from "Customer" Where "Company" is null order by "Country",

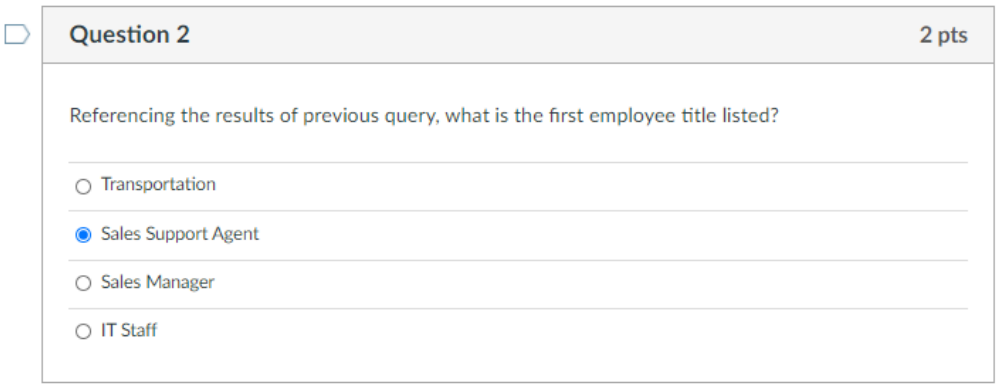
"LastName"

13.
select "CustomerId", "Country", "Company" from "Customer" Where "Company" is not null order by "Country", "LastName"
15.

select "CustomerId","LastName","Country", coalesce("Company", 'Individual') as "Company" from "Customer" order by "Country", "LastName"

16.





Question 3 — 5 pts

Write a SQL query that produces a list of Chinook employees—first name and last—plus their job title, employee ID, along with the employee ID of the person they report to. The list should be limited to employees who report to Nancy Edwards.

Edit View Insert Format Tools Table

12pt Paragraph B I U A T²

```
select "FirstName", "LastName", "Title", "EmployeeId", "ReportsTo" from "Employee" where "ReportsTo"=(select "EmployeeId" from "Employee" Where "FirstName"='Nancy' and "LastName"='Edwards')
```

p 23 words </>

Question 4 — 2 pts

Referencing the results of previous query, which of the following employees **DO NOT** report to Nancy Edwards?

- ○ Park
- ○ Peacock
- ◉ Callahan
- ○ Johnson

Question 5 — 7 pts

Write a SQL query that tells us the average age of a Chinook employee when hired (based on all employees).

Edit View Insert Format Tools Table

12pt Paragraph

```
select AVG(date_part('year', "HireDate")-date_part('year', "BirthDate")) from "Employee";
```

p 10 words

Question 6 — 2 pts

Referencing the results of previous query, rounded to the nearest year, what is the average age of a Chinook employee on their hire date?

- ○ 40
- ○ 34
- ◉ 38
- ○ 36

Question 7 — 7 pts

Write a SQL query that provides a list of the three oldest Chinook employees—first name and last—plus their job title and employee ID.

Edit View Insert Format Tools Table

12pt Paragraph

```
select "FirstName", "LastName", "Title", "EmployeeId" from "Employee" order by "BirthDate" limit 3
```

p 12 words

Question 8 — 2 pts

Referencing the results of previous query, who is **NOT** one of the three oldest Chinook employees?

- ○ Edwards
- ○ Adams
- ◉ Johnson
- ○ Park

Question 9 7 pts

Write a SQL query that produces a list of Chinook customers (first name and last) and the city they live in. This list should be limited to customers living in the United States, excluding California customers.

Edit View Insert Format Tools Table

12pt Paragraph B I U A T²

```
select "FirstName", "LastName", "City" from "Customer" where "Country"='USA' and "State" not like 'CA'
```

p 15 words </>

Question 10 2 pts

Referencing the results of previous query, how many Chinook customers live in the USA outside of California?

- ○ 3
- ◉ 10
- ○ 13
- ○ 7

Question 11 — 8 pts

Write a SQL query that produces a list of the customer IDs, last names and countries of all Chinook customers (sorted by country and then customer last name) who have null values for the company field.

Edit View Insert Format Tools Table

12pt Paragraph B I U A T²

```
select "CustomerId", "LastName", "Country" from "Customer" Where "Company" is null order by "Country", "LastName"
```

p 14 words </>

Question 12 — 2 pts

Referencing the results of previous query, which of the following American Chinook customers has a null value for Company affiliation?

- ○ Harris
- ○ Goyer
- ○ Smith
- ◉ Ralston

Question 13 — 10 pts

Write a SQL query that produces a list of the last names, customer IDs, country and company of all Chinook customers (sorted by country and customer last name) who DO NOT have null values for the company field.

Edit View Insert Format Tools Table

12pt Paragraph B I U

```
select "CustomerId", "Country", "Company" from "Customer" Where "Company" is not null order by "Country", "LastName"
```

p 15 words

Question 14 — 2 pts

Referencing the results of previous query, which of the following Canadian Chinook customers **DOES NOT** have a null value for Company affiliation?

- ○ Mitchell
- ○ Francis
- ◉ Peterson
- ○ Silk

Question 15

10 pts

Write a SQL query that produces a list of the customer IDs, last names, countries and company affiliations of all Chinook customers sorted by country and then customer last name. Company affiliation for any customer with a null value for the company field should read "Individual".

Edit View Insert Format Tools Table

12pt Paragraph

```
select "CustomerId","LastName","Country", coalesce("Company", 'Individual') as "Company" from "Customer" order by "Country", "LastName"
```

p

15 words

Question 16

2 pts

Referencing the results of previous query, which of the following countries has more corporate customers than individual customers?

- (●) Brazil
- ( ) United Kingdom
- ( ) Germany
- ( ) France

Question 17 — 9 pts

Using the newly created My_Albums table, write the SQL statement that will INSERT a new row where My_AlbumID is the next one available; AlbumID is your favorite album from the Chinook album table.

Additionally, leave the My_notes field blank (or NULL) and add your rating (where 1 is bad and 5 is great).

Edit View Insert Format Tools Table

12pt Paragraph B I U A T²

```
insert into "My_Albums"("My_AlbumId", "AlbumId", "My_Rating") values(4,(select "AlbumId" from "Album" where "AlbumId"=6),5)
```

p 16 words </>

Question 18 — 9 pts

Using the newly created My_Albums table, write the SQL statement that will UPDATE the favorite album record that you just added to include a note of your own.

Edit View Insert Format Tools Table

12pt Paragraph B I U A T²

Question 18 — 9 pts

Using the newly created My_Albums table, write the SQL statement that will UPDATE the favorite album record that you just added to include a note of your own.

Edit View Insert Format Tools Table

12pt Paragraph B I U A T²

update "My_Albums" set "My_Notes"='It is great!' where "My_AlbumId" = 4

p 12 words </>

Question 19 — 7 pts

Using the newly created My_Albums table, write the SQL statement that will DELETE your favorite album record that you added and edited in Questions 9 and 10.

Edit View Insert Format Tools Table

12pt Paragraph B I U A T²

delete from "My_Albums" where "My_AlbumId" = 4

p 7 words </>