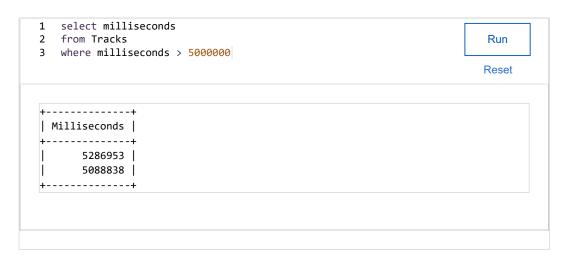
Module 2 Coding Assignment

TOTAL POINTS 9

1. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the <u>ER diagram</u> to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

Run Query: Find all the tracks that have a length of 5,000,000 milliseconds or more.

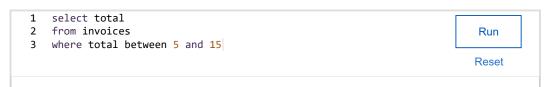


How many tracks are returned?

2

2. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize 1 point yourself with the ER diagram to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

Run Query: Find all the invoices whose total is between \$5 and \$15 dollars.



While the query in this example is limited to 10 records, running the query correctly will indicate how many total records there are - enter that number below.

```
168
```

3. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize 1 point yourself with the ER diagram to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

Run Query: Find all the customers from the following States: RJ, DF, AB, BC, CA, WA, NY.

```
1 select firstname, lastname, company, state
2 from customers
3 where (firstname = 'Jack' and lastname = 'Smith') and (state in ('Rl', 'DF', 'AB', 'BC', 'CA', 'WA', 'NY'))

Reset

+----+
| FirstName | LastName | Company | State |
+----+
| Jack | Smith | Microsoft Corporation | WA |
+----+
```

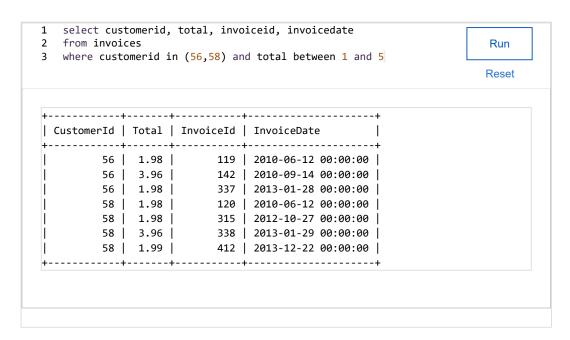
What company does Jack Smith work for?

- Google Inc.
- Microsoft Corp
- Rogers Canada

Apple Inc.

4. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize 1 point yourself with the ER diagram to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

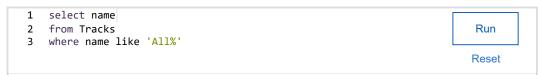
Run Query: Find all the invoices for customer 56 and 58 where the total was between \$1.00 and \$5.00.



What was the invoice date for invoice ID 315?

- 6-12-2010
- 12-22-2013
- () 10-27-2012
- () 1-29-2013
- 5. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the <u>ER diagram</u> to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

Run Query: Find all the tracks whose name starts with 'All'.



```
Name

All I Really Want

All For You

All Star

All My Life

All My Love

All Within My Hands

All or None

All Dead, All Dead

All the Best Cowboys Have Daddy Issues

All Because Of You

(Output limit exceeded, 10 of 15 total rows shown)
```

While only 10 records are shown, the query will indicate how many total records there are for this query - enter that number below.

```
15
```

6. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the <u>ER diagram</u> to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

Run Query: Find all the customer emails that start with "J" and are from gmail.com.



Enter the one email address returned (you will likely need to scroll to the right) below.

jubarnett@gmail.com

7. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize 1 point yourself with the ER diagram to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

Run Query: Find all the invoices from the billing city Brasília, Edmonton, and Vancouver and sort in descending order by invoice ID.

```
select billingcity, total
2
  from invoices
                                                               Run
3 where billingcity in ('Brasília', 'Edmonton', 'Vancouver')
4 order by invoiceid desc
                                                              Reset
+----+
| BillingCity | Total |
+----+
 Edmonton | 13.86 |
 Edmonton
           1.98
 Vancouver | 0.99 |
| Brasília | 8.91 |
| Vancouver | 5.94
|| Brasília | 13.86 |
| Vancouver | 3.96 |
| Brasília | 1.98 |
| Vancouver | 1.98 |
          | 0.99 |
| Edmonton
+-----+
(Output limit exceeded, 10 of 21 total rows shown)
```

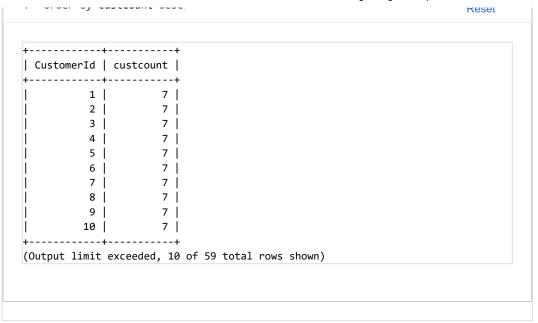
What is the total invoice amount of the first record returned? Enter the number below without a \$ sign. Remember to sort in descending order to get the correct answer.

```
13.86
```

8. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize 1 point yourself with the ER diagram to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

Run Query: Show the number of orders placed by each customer (hint: this is found in the invoices table) and sort the result by the number of orders in <u>descending</u> order.

```
1 select customerid, count(customerid) as custcount
2 from invoices
3 group by customerid
4 order by custcount desc
```



What is the number of items placed for the 8th person on this list? Enter that number below.

```
7
```

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize
yourself with the <u>ER diagram</u> to familiarize yourself with the table and column names to write
accurate queries and get the appropriate answers.

1 point

Run Query: Find the albums with 12 or more tracks.

```
select albumid, count(trackid) as trackcount
                                                                      Run
2
  from tracks
   group by albumid
4
  having trackcount >=12
                                                                      Reset
+----+
| AlbumId | trackcount |
       5 |
                  15 |
                  13 |
       6 |
       7 |
                  12 |
       8 |
                  14 |
      10 |
                   14 |
      11 |
                  12
      12 |
                  12 |
      14 |
                  13 |
                   17 |
      18 |
      21 |
                   18 |
(Output limit exceeded, 10 of 158 total rows shown)
```

While the number of records returned is limited to 10, the query, if run correctly, will indicate how many total records there are. Enter that number below.

|--|