



✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE
100%

Module 2 Coding Assignment

LATEST SUBMISSION GRADE

100%

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

1 / 1 point

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

```
1 SELECT COUNT(TrackId)
2 FROM TRACKS
3 WHERE Milliseconds >= 5000000
```

Run

Reset

COUNT(TrackId)
2

How many tracks are returned?

2

✓ Correct

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

1 / 1 point

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

```
1 SELECT InvoiceID, Total
2 FROM Invoices
3 WHERE Total > 5 AND Total < 15
```

Run

Reset

InvoiceId	Total
3	5.94
4	8.91
5	13.86
10	5.94
11	8.91
12	13.86
17	5.94
18	8.91
19	13.86
24	5.94

(Output limit exceeded, 10 of 168 total rows shown)

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

✓ Correct

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

1 / 1 point

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 State IN ('RJ', 'DF', 'AB', 'BC', 'CA', 'WA', 'NY')
```

Run

Reset

FirstName	LastName	Company	State
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Roberto	Almeida	Riotur	RJ
Fernanda	Ramos	None	DF
Mark	Phillips	Telus	AB
Jennifer	Peterson	Rogers Canada	BC
Frank	Harris	Google Inc.	CA
Jack	Smith	Microsoft Corporation	WA
Michelle	Brooks	None	NY
Tim	Goyer	Apple Inc.	CA
Dan	Miller	None	CA

What company does Jack Smith work for?

- ☐ Apple Inc.
- ☒ Microsoft Corp
- ☐ Google Inc.
- ☐ Rogers Canada

✓ Correct

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

1 / 1 point

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

```
1 SELECT CustomerId, InvoiceId, Total, InvoiceDate
2 FROM Invoices
3 WHERE CustomerID IN (56,58) AND
4 Total BETWEEN 1 AND 5
```

Run

Reset

CustomerId	InvoiceId	Total	InvoiceDate
56	119	1.98	2010-06-12 00:00:00
56	142	3.96	2010-09-14 00:00:00
56	337	1.98	2013-01-28 00:00:00
58	120	1.98	2010-06-12 00:00:00
58	315	1.98	2012-10-27 00:00:00
58	338	3.96	2013-01-29 00:00:00
58	412	1.99	2013-12-22 00:00:00

What was the invoice date for invoice ID 315?

- ☐ 6-12-2010
- ☒ 10-27-2012
- ☐ 1-29-2013
- ☐ 12-22-2013

✓ Correct

5. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

1 / 1 point

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

```
1 SELECT TrackId, Name
2 FROM Tracks
3 WHERE Name LIKE 'All%'
```

Run

Reset

TrackId	Name
38	All I Really Want
134	All For You
385	All Star
1009	All My Life
1608	All My Love
1892	All Within My Hands
2192	All or None
2274	All Dead, All Dead
2888	All the Best Cowboys Have Daddy Issues
2969	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

✓ Correct

6. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

1 / 1 point

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

```
1 SELECT CustomerId, Email
2 FROM Customers
3 WHERE Email LIKE "J%@gmail.com"
```

Run

Reset

```
+-----+-----+
| CustomerId | Email |
+-----+-----+
| 28 | jubarnett@gmail.com |
+-----+-----+
```

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

jubarnett@gmail.com

✓ Correct

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

1 / 1 point

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

```
1 SELECT InvoiceId, BillingCity, Total
2 FROM Invoices
3 WHERE BillingCity IN ('Brasilia','Edmonton','Vancouver')
4 ORDER BY InvoiceId DESC
```

Run

Reset

```
+-----+-----+-----+
| InvoiceId | BillingCity | Total |
+-----+-----+-----+
| 362 | Edmonton | 13.86 |
| 351 | Edmonton | 1.98 |
| 328 | Vancouver | 0.99 |
| 276 | Vancouver | 5.94 |
| 254 | Vancouver | 3.96 |
| 231 | Vancouver | 1.98 |
| 230 | Edmonton | 0.99 |
| 178 | Edmonton | 5.94 |
| 156 | Edmonton | 3.96 |
| 133 | Edmonton | 1.98 |
+-----+-----+-----+
(Output limit exceeded, 10 of 14 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

✓ Correct

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

1 / 1 point

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 descending order.

```
1 SELECT CustomerId, COUNT(*) AS Orders
2 FROM Invoices
3 GROUP BY CustomerId
4 ORDER BY Orders DESC
```

Run

Reset


```
+-----+-----+
| CustomerId | Orders |
+-----+-----+
| 1 | 7 |
| 2 | 7 |
| 3 | 7 |
| 4 | 7 |
| 5 | 7 |
| 6 | 7 |
| 7 | 7 |
| 8 | 7 |
| 9 | 7 |
| 10 | 7 |
+-----+-----+
```

AlbumId	Tracks
5	15
6	13
7	12
8	14
10	14
11	12
12	12
14	13
18	17
21	18

(Output limit exceeded, 10 of 59 total rows shown)

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

7


Correct

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

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

```

1 SELECT AlbumId, Count(*) AS Ntracks
2 FROM Tracks
3 GROUP BY AlbumId
4 HAVING COUNT (*) >= 12

```

Run


Reset

AlbumId	Ntracks
5	15
6	13
7	12
8	14
10	14
11	12
12	12
14	13
18	17
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.

158


Correct