

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 [ER diagram](#) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

1 point

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

```
1 SELECT TrackId
2 FROM TRACKS
3 WHERE Milliseconds >= "5000000"
```

Run

Reset

TrackId
2820
3224

How many tracks are returned?

2

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 point

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

```
1 SELECT INVOICEID
2 FROM INVOICES
3 WHERE TOTAL BETWEEN 5 AND 15
```

Run

Reset

InvoiceId
3
4
5
10
11
12
17
18
19
24

(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.

Enter answer here

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 point

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

```
1 SELECT *
2 FROM CUSTOMERS
3 WHERE STATE IN ("RJ", "DF", "AB", "BC", "CA", "WA", "NY") AND FIRSTNAME = "Jack"
```

Run

Reset

CustomerId	FirstName	LastName	Company	Address	City	State	Country	PostalCode	Phone
17	Jack	Smith	Microsoft Corporation	1 Microsoft Way	Redmond	WA	USA	98052-8300	+1

What company does Jack Smith work for?

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

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 point

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

```
1 SELECT *
2 FROM INVOICES
3 WHERE CUSTOMERID IN (56, 58) AND TOTAL BETWEEN 1.00 AND 5.00
```

Run

Reset

InvoiceId	CustomerId	InvoiceDate	BillingAddress	BillingCity	BillingState	BillingCountry	BillingPostalCode
119	56	2010-06-12 00:00:00	307 Macacha Güemes	Buenos Aires	None	Argentina	1106
142	56	2010-09-14 00:00:00	307 Macacha Güemes	Buenos Aires	None	Argentina	1106
337	56	2013-01-28 00:00:00	307 Macacha Güemes	Buenos Aires	None	Argentina	1106
120	58	2010-06-12 00:00:00	12, Community Centre	Delhi	None	India	110017
315	58	2012-10-27 00:00:00	12, Community Centre	Delhi	None	India	110017
338	58	2013-01-29 00:00:00	12, Community Centre	Delhi	None	India	110017
412	58	2013-12-22 00:00:00	12, Community Centre	Delhi	None	India	110017

What was the invoice date for invoice ID 315?

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

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 point

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

1 SELECT *

2 FROM TRACKS

3 WHERE NAME LIKE "All%"

Run

Reset

TrackId	Name	AlbumId	MediaTypeId	GenreId	Composer
38	All I Really Want	6	1	1	Alanis Morissette & Glenn Ballard
134	All For You	14	1	3	None
385	All Star	33	1	7	Nando Reis
1009	All My Life	81	1	4	Foo Fighters
1608	All My Love	130	1	1	Robert Plant & John Paul Jones
1892	All Within My Hands	155	1	3	Bob Rock/James Hetfield/Kirk Hammett/
2192	All or None	180	1	1	Stone Gossard
2274	All Dead, All Dead	186	1	1	May
2888	All the Best Cowboys Have Daddy Issues	230	3	19	None
2969	All Because Of You	235	1	1	Adam Clayton, Bono, Larry Mullen & Th

(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.

Enter answer here

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 point

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

1 SELECT EMAIL

2 FROM CUSTOMERS

3 WHERE EMAIL LIKE "J%" AND EMAIL LIKE "%gmail.com"

4 --WHERE EMAIL LIKE "J%gmail.com"

Run

Reset

Email
jubarnett@gmail.com

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

Enter answer here

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 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 *

2 FROM INVOICES

3 WHERE BILLINGCITY IN ("Brasilia", "Edmonton", "Vancouver")

4 ORDER BY INVOICEID DESC

Run

Reset

InvoiceId	CustomerId	InvoiceDate	BillingAddress	BillingCity	BillingState	BillingCountry	Billing
362	14	2013-05-11 00:00:00	8210 111 ST NW	Edmonton	AB	Canada	T6G 2C7
351	14	2013-03-31 00:00:00	8210 111 ST NW	Edmonton	AB	Canada	T6G 2C7
328	15	2012-12-15 00:00:00	700 W Pender Street	Vancouver	BC	Canada	V6C 1G8
319	13	2012-11-01 00:00:00	Qe 7 Bloco G	Brasilia	DF	Brazil	71020-6
276	15	2012-04-26 00:00:00	700 W Pender Street	Vancouver	BC	Canada	V6C 1G8
264	13	2012-03-03 00:00:00	Qe 7 Bloco G	Brasilia	DF	Brazil	71020-6
254	15	2012-01-23 00:00:00	700 W Pender Street	Vancouver	BC	Canada	V6C 1G8
253	13	2012-01-22 00:00:00	Qe 7 Bloco G	Brasilia	DF	Brazil	71020-6
231	15	2011-10-21 00:00:00	700 W Pender Street	Vancouver	BC	Canada	V6C 1G8
230	14	2011-10-08 00:00:00	8210 111 ST NW	Edmonton	AB	Canada	T6G 2C7

(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.

Enter answer here

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 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(INVOICEID) AS TOTALORDER

2 FROM INVOICES

3 GROUP BY CUSTOMERID

4 ORDER BY TOTALORDER DESC

Run

Reset

CustomerId	TOTALORDER
1	7
2	7
3	7
4	7
5	7
6	7
7	7
8	7
9	7
10	7

(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.

Enter answer here

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 point

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

1 SELECT ALBUMID, COUNT(*) AS NUMBER
2 FROM TRACKS
3 GROUP BY ALBUMID
4 HAVING NUMBER >=12
5

Run

Reset

AlbumId	NUMBER
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.

Enter answer here

Upgrade to submit