Practice Simple Select Queries

TOTAL POINTS 10

To prepare for the graded coding quiz, you will be asked to execute a query, read the results, and select the correct answer you found in the results. This question is for you to practice executing queries. I have provided you the script for this query, a simple select statement. Think of this as a sandbox for you to practice. As you practice executing queries, take time to read the results in order to prepare for the quiz and get comfortable writing a basic select statement.

1 / 1 poin

 $\textbf{Run query:} \ \ \text{Retrieve all the data from the } \underline{\text{tracks}} \ \text{table.} \ \ \text{Who is the composer for track 18?}$

Select * From Trac	ks;				Run			
					Reset			
TrackId	Name	AlbumId	MediaTypeId	GenreId	Compose			
1	For Those About To Rock (We Salute You)	+ 1	+ 1	+ l 1	+ Angus Y			
2	Balls to the Wall	1 2	1 2	i ī	None			
3	Fast As a Shark	i -	1 2	i ī	l F. Balt			
4	Restless and Wild	3	, – J 2	1	F. Balt			
5	Princess of the Dawn	j 3	2	j 1	Deaffy			
6	Put The Finger On You	j 1	1	1	Angus Y			
7	•	j 1	1	j 1	Angus Y			
8	Inject The Venom	1	1	j 1	Angus Y			
9	Snowballed	1	1	1	Angus Y			
10	Evil Walks	1	1	1	Angus Y			
11	C.O.D.	1	1	j 1	Angus Y			
12	Breaking The Rules	1	1	1	Angus Y			
13	•	j 1	1	j 1	Angus Y			
14	Spellbound	1	1	1	Angus Y			
15	Go Down	4	1	1	AC/DC			
16	Dog Eat Dog	4	1	1	AC/DC			
17	Let There Be Rock	1 4	1	1	i AC/DC			

	Bad Boy Boogie	4	1	1	AC/DC
19	Problem Child	4	1	1	AC/DC
20	Overdose	4	1	1	AC/DC
21	Hell Ain't A Bad Place To Be	4	1	1	AC/DC
22	Whole Lotta Rosie	4	1	1	AC/DC
23	Walk On Water	5	1	1	Steve
24	Love In An Elevator	5	1	1	Steve
25	Rag Doll	5	1	1	Steve

AC/DC



AC/DC is the composer for track 18.

A simple select statement is the foundation to almost all queries. You should be able to write this in your sleep. The only way to get comfortable writing these statements is practice writing them until it comes naturally.

1 / 1 point

you found in the results. This question is for you to practice executing queries. I have provided you the script for this query, a simple select statement. Think of this as a sandbox for you to practice. As you practice executing queries, take time to read the results in order to prepare for the quiz and get comfortable writing a basic select statement.

To prepare for the graded coding quiz, you will be asked to

execute a query, read the results, and select the correct answer

Run Query: Retrieve all data from the <u>artists</u> table. Look at the list of artists, how many artists are you familiar with (there is no wrong answer here)?



3



statement.

There are no incorrect answers to this question as it is subjective to you. Again, this is a simple select statement to help you obtain information from a set of data. They are the foundation to almost all queries. You should be able to write this in your sleep. The only way to get comfortable writing these statements is practice writing them until it comes naturally.

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Run Query: Retrieve all data from the invoices table. What is the billing address for customer 31?

1 / 1 poin

```
Select *
                                                                         Run
2 From Invoices;
                                                                        Reset
| BillingAddress
| InvoiceId | CustomerId | InvoiceDate
                                                              | BillingCity | Bi
  2 | 2009-01-01 00:00:00 | Theodor-Heuss-Straße 34
        1 |
                                                            | Stuttgart
        2 |
                  4 | 2009-01-02 00:00:00 | Ullevålsveien 14
                                                            | Oslo
        3 |
                                                             | Brussels
                  8 | 2009-01-03 00:00:00 | Grétrystraat 63
        4 |
                 14 | 2009-01-06 00:00:00 | 8210 111 ST NW
                                                             | Edmonton
        5 |
                 23 | 2009-01-11 00:00:00 | 69 Salem Street
                                                             | Boston
                 37 | 2009-01-19 00:00:00 | Berger Straße 10
                                                             | Frankfurt
        6 |
        7 |
                 38 | 2009-02-01 00:00:00 | Barbarossastraße 19
                                                             | Berlin
       8 |
                 40 | 2009-02-01 00:00:00 | 8, Rue Hanovre
                                                             | Paris
        9 |
                 42 | 2009-02-02 00:00:00 | 9, Place Louis Barthou
                                                            | Bordeaux
       10 |
                 46 | 2009-02-03 00:00:00 | 3 Chatham Street
                                                              | Dublin
       11 |
                52 | 2009-02-06 00:00:00 | 202 Hoxton Street
                                                             | London
       12 |
                 2 | 2009-02-11 00:00:00 | Theodor-Heuss-Straße 34 | Stuttgart
       13 |
                16 | 2009-02-19 00:00:00 | 1600 Amphitheatre Parkway | Mountain View |
       14 |
                17 | 2009-03-04 00:00:00 | 1 Microsoft Way
                                                        | Redmond
                                                              | Cupertino
       15 |
                19 | 2009-03-04 00:00:00 | 1 Infinite Loop
       16 |
                 21 | 2009-03-05 00:00:00 | 801 W 4th Street
                                                             | Reno
       17 |
                 25 | 2009-03-06 00:00:00 | 319 N. Frances Street
                                                             | Madison
       18 |
                31 | 2009-03-09 00:00:00 | 194A Chain Lake Drive
                                                              | Halifax
       19 |
                40 | 2009-03-14 00:00:00 | 8, Rue Hanovre
                                                              | Paris
       20 |
                54 | 2009-03-22 00:00:00 | 110 Raeburn Pl
                                                             | Edinburgh
       21 |
                 55 | 2009-04-04 00:00:00 | 421 Bourke Street
                                                              | Sidney
       22 |
                 57 | 2009-04-04 00:00:00 | Calle Lira, 198
                                                             | Santiago
       23 |
                 59 | 2009-04-05 00:00:00 | 3,Raj Bhavan Road
                                                             | Bangalore
       24 I
                 4 | 2009-04-06 00:00:00 | Ullevålsveien 14
                                                              I Oslo
                 10 | 2009-04-09 00:00:00 | Rua Dr. Falcão Filho, 155 | São Paulo
    (Output limit exceeded, 25 of 412 total rows shown)
```

194A Chain Lake Drive, Halifax, NS, CANADA B3S 1C5

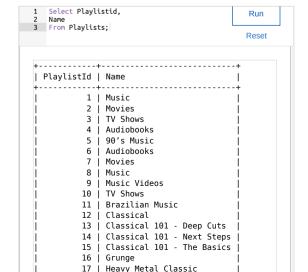
A simple select statement is the foundation to almost all queries. You should be able to write this in your sleep. The only way to get comfortable writing these statements is practice writing them until it comes naturally.

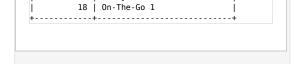
1/1 point

execute a query, read the results, and select the correct answer you found in the results. This question is for you to practice executing queries. I have provided you the script for this query, a simple select statement. Think of this as a sandbox for you to practice. As you practice executing queries, take time to read the results in order to prepare for the quiz and get comfortable writing a basic select statement.

To prepare for the graded coding guiz, you will be asked to

Run Query: Return the playlist id, and name from the playlists table. How many playlists are there? Which would you classify is your favorite from this list?





18 Playlist,tv shows



Correct

There are 18 playlists. We're a bit partial to the Audiobooks ourselves. :)

A simple select statement is the foundation to almost all queries. You should be able to write this in your sleep. The only way to get comfortable writing these statements is practice writing them until it comes naturally.

1/1 point

5. To prepare for the graded coding quiz, you will be asked to execute a query, read the results, and select the correct answer you found in the results. This question is for you to practice executing queries. I have provided you the script for this query, a simple select statement. Think of this as a sandbox for you to practice. As you practice executing queries, take time to read the results in order to prepare for the quiz and get comfortable writing a basic select statement.

Run Query: Return the Customer Id, Invoice Date, and Billing City from the Invoices table. What city is associated with Customer ID number 42? What was the invoice date for the customer in Santiago?

```
Select CustomerId.
                                       Run
 InvoiceDate,
  BillingCity
4 From Invoices;
                                       Reset
+----+
| CustomerId | InvoiceDate | BillingCity
2 | 2009-01-01 00:00:00 | Stuttgart
         4 | 2009-01-02 00:00:00 | Oslo
        8 | 2009-01-03 00:00:00 | Brussels
        14 | 2009-01-06 00:00:00 | Edmonton
        23 | 2009-01-11 00:00:00 | Boston
        37 | 2009-01-19 00:00:00 | Frankfurt
        38 | 2009-02-01 00:00:00 | Berlin
        40 | 2009-02-01 00:00:00 | Paris
        42 | 2009-02-02 00:00:00 | Bordeaux
        46 | 2009-02-03 00:00:00 | Dublin
        52 | 2009-02-06 00:00:00 | London
        2 | 2009-02-11 00:00:00 | Stuttgart
        16 | 2009-02-19 00:00:00 | Mountain View |
        17 | 2009-03-04 00:00:00 | Redmond
        19 | 2009-03-04 00:00:00 | Cupertino
        21 | 2009-03-05 00:00:00 | Reno
        25 | 2009-03-06 00:00:00 | Madison
        31 | 2009-03-09 00:00:00 | Halifax
        40 | 2009-03-14 00:00:00 | Paris
        54 | 2009-03-22 00:00:00 | Edinburgh
        55 | 2009-04-04 00:00:00 | Sidney
        57 | 2009-04-04 00:00:00 | Santiago
        59 | 2009-04-05 00:00:00 | Bangalore
        4 | 2009-04-06 00:00:00 | Oslo
       10 | 2009-04-09 00:00:00 | São Paulo
(Output limit exceeded, 25 of 412 total rows shown)
```

Bordeaux Correct

2009-04-04

Bordeaux

A simple select statement is the foundation to almost all queries. You should be able to write this in your sleep. The only way to get comfortable writing these statements is practice writing them until it comes naturally.

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at

1/1 point

Run Query: Return the First Name, Last Name, Email, and Phone, from the Customers table. What is the telephone number for Jennifer Peterson?

```
Select FirstName,
                                                              Run
  LastName,
3
  Fmail.
  Phone
                                                              Reset
5 From Customers:
+-----
| FirstName | LastName | Email
                                                 | Phone
+-----
| Luís
          | Gonçalves | luisg@embraer.com.br | +55 (12) 3923-5555 |
| Leonie
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                                                | +49 0711 2842222
                    | ftremblay@gmail.com
| bjorn.hansen@yahoo.no
                                                | +1 (514) 721-4711
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                                                | +43 01 5134505
          | Gruber
                     | daan_peeters@apple.be
| kara.nielsen@jubii.dk
                                                | +32 02 219 03 03
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         | Harris
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          | Smith
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                      | michelleb@aol.com
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                      | tgoyer@apple.com
                                                | +1 (408) 996-1010
          | Miller
                                                | +1 (650) 644-3358
| Dan
                      | dmiller@comcast.com
| Kathy
          | Chase
                      | kachase@hotmail.com
                                                | +1 (775) 223-7665
I Heather
          I Leacock
                      I hleacock@gmail.com
                                                I +1 (407) 999-7788
| John
          | Gordon
                      | johngordon22@yahoo.com
                                                | +1 (617) 522-1333
I Frank
          I Ralston
                      | fralston@gmail.com
                                                | +1 (312) 332-3232
         | Stevens
                      | vstevens@yahoo.com
                                                | +1 (608) 257-0597
+-----
(Output limit exceeded, 25 of 59 total rows shown)
```

statement.

A simple select statement is the foundation to almost all queries. You should be able to write this in your sleep. The only way to get comfortable writing these statements is practice writing them until it comes naturally.

1/1 poin

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queries, take time to read the results in order to prepare for the quiz and get comfortable writing a basic select

Run Query: Return the Track Id, Genre Id, Composer, Unit Price from the Tracks table. How much do these tracks cost?



ght
ght

0.99



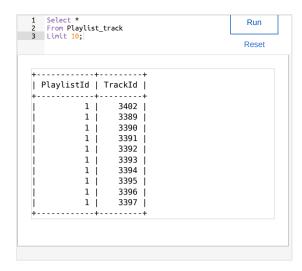
Notice that all the tracks listed are \$0.99.

Also, notice that you were limited to 25 lines. This is because of Coursera's server storage capacity. However, depending on the size of your dataset, would you want to set a limit?

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Run Query: Select all the columns from the Playlist Track table and limit the results to 10 records. How might this information be used?

0 / 1 point



No answer

Incorrect

9.

You did not enter an answer.

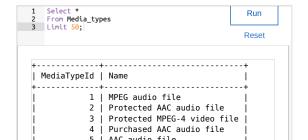
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1/1 point

practice. As you practice executing queries, take time to read the results in order to prepare for the quiz and get comfortable writing a basic select statement.

Run Query: Select all the columns from the Media Types table and limit the results to 50 records. What happened when you ran this query? Were you able to get all 50 records?





no



Unfortunately, Coursera's code block feature limits queries to 25 lines because of server storage capacity. However, regardless of this feature it is important for you to note that 50 records would have likely been showing in a normal SQL query with a limit in the code line as seen above. (5 records are shown.) So as you work through the exercises of this course, please keep this in mind.

1 / 1 point

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Run Query: Select all the columns from the Albums table and limit the results to 5 records. How many columns are in the albums table?

What is the name of the 9th album in this list?

		Reset
AlbumId	Title	+ ArtistIo
1	For Those About To Rock We Salute You	1
2	Balls to the Wall	2
3	Restless and Wild	2
4	Let There Be Rock	1
	Big Ones] 3
	Jagged Little Pill	4
	Facelift	. 5
	Warner 25 Anos	6
	Plays Metallica By Four Cellos] 7
	Audioslave Out Of Exile] 8
	Out Of Exite BackBeat Soundtrack	8 9
	The Best Of Billy Cobham	l 16
	Alcohol Fueled Brewtality Live! [Disc 1]	1 11
	Alcohol Fueled Brewtality Live! [Disc 2]	11
	Black Sabbath	12
17	Black Sabbath Vol. 4 (Remaster)	12
18	Body Count	13
19	Chemical Wedding	14
20	The Best Of Buddy Guy - The Millenium Collection	15
21	Prenda Minha	16
22	Sozinho Remix Ao Vivo	16
	Minha Historia	17
	Afrociberdelia	18
25	Da Lama Ao Caos	18
	+ mit exceeded, 25 of 347 total rows shown)	·

Plays Metallica By Four Cellos

Correct

Yes, there are only 3 columns in the albums table.