Question 1

*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:** Retrieve all the data from the tracks table. Who is the composer for track 18?

Select \*

From Tracks;

+---------+-----------------------------------------+---------+-------------+---------+------------------------------------------------------------------------+--------------+----------+-----------+

| TrackId | Name | AlbumId | MediaTypeId | GenreId | Composer | Milliseconds | Bytes | UnitPrice |

+---------+-----------------------------------------+---------+-------------+---------+------------------------------------------------------------------------+--------------+----------+-----------+

| 1 | For Those About To Rock (We Salute You) | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 343719 | 11170334 | 0.99 |

| 2 | Balls to the Wall | 2 | 2 | 1 | None | 342562 | 5510424 | 0.99 |

| 3 | Fast As a Shark | 3 | 2 | 1 | F. Baltes, S. Kaufman, U. Dirkscneider & W. Hoffman | 230619 | 3990994 | 0.99 |

| 4 | Restless and Wild | 3 | 2 | 1 | F. Baltes, R.A. Smith-Diesel, S. Kaufman, U. Dirkscneider & W. Hoffman | 252051 | 4331779 | 0.99 |

| 5 | Princess of the Dawn | 3 | 2 | 1 | Deaffy & R.A. Smith-Diesel | 375418 | 6290521 | 0.99 |

| 6 | Put The Finger On You | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 205662 | 6713451 | 0.99 |

| 7 | Let's Get It Up | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 233926 | 7636561 | 0.99 |

| 8 | Inject The Venom | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 210834 | 6852860 | 0.99 |

| 9 | Snowballed | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 203102 | 6599424 | 0.99 |

| 10 | Evil Walks | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 263497 | 8611245 | 0.99 |

| 11 | C.O.D. | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 199836 | 6566314 | 0.99 |

| 12 | Breaking The Rules | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 263288 | 8596840 | 0.99 |

| 13 | Night Of The Long Knives | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 205688 | 6706347 | 0.99 |

| 14 | Spellbound | 1 | 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 270863 | 8817038 | 0.99 |

| 15 | Go Down | 4 | 1 | 1 | AC/DC | 331180 | 10847611 | 0.99 |

| 16 | Dog Eat Dog | 4 | 1 | 1 | AC/DC | 215196 | 7032162 | 0.99 |

| 17 | Let There Be Rock | 4 | 1 | 1 | AC/DC | 366654 | 12021261 | 0.99 |

| 18 | Bad Boy Boogie | 4 | 1 | 1 | AC/DC | 267728 | 8776140 | 0.99 |

| 19 | Problem Child | 4 | 1 | 1 | AC/DC | 325041 | 10617116 | 0.99 |

| 20 | Overdose | 4 | 1 | 1 | AC/DC | 369319 | 12066294 | 0.99 |

| 21 | Hell Ain't A Bad Place To Be | 4 | 1 | 1 | AC/DC | 254380 | 8331286 | 0.99 |

| 22 | Whole Lotta Rosie | 4 | 1 | 1 | AC/DC | 323761 | 10547154 | 0.99 |

| 23 | Walk On Water | 5 | 1 | 1 | Steven Tyler, Joe Perry, Jack Blades, Tommy Shaw | 295680 | 9719579 | 0.99 |

| 24 | Love In An Elevator | 5 | 1 | 1 | Steven Tyler, Joe Perry | 321828 | 10552051 | 0.99 |

| 25 | Rag Doll | 5 | 1 | 1 | Steven Tyler, Joe Perry, Jim Vallance, Holly Knight | 264698 | 8675345 | 0.99 |

+---------+-----------------------------------------+---------+-------------+---------+------------------------------------------------------------------------+--------------+----------+-----------+

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**Answer: AC/DC is the composer for track 18.**

Question 2

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

Select \*

From Artists;

+----------+---------------------------------+

| ArtistId | Name |

+----------+---------------------------------+

| 1 | AC/DC |

| 2 | Accept |

| 3 | Aerosmith |

| 4 | Alanis Morissette |

| 5 | Alice In Chains |

| 6 | Antônio Carlos Jobim |

| 7 | Apocalyptica |

| 8 | Audioslave |

| 9 | BackBeat |

| 10 | Billy Cobham |

| 11 | Black Label Society |

| 12 | Black Sabbath |

| 13 | Body Count |

| 14 | Bruce Dickinson |

| 15 | Buddy Guy |

| 16 | Caetano Veloso |

| 17 | Chico Buarque |

| 18 | Chico Science & Nação Zumbi |

| 19 | Cidade Negra |

| 20 | Cláudio Zoli |

| 21 | Various Artists |

| 22 | Led Zeppelin |

| 23 | Frank Zappa & Captain Beefheart |

| 24 | Marcos Valle |

| 25 | Milton Nascimento & Bebeto |

+----------+---------------------------------+

(Output limit exceeded, 25 of 275 total rows shown)

3.

Question 3

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

Select \*

From Invoices;

Reset

+-----------+------------+---------------------+---------------------------+---------------+--------------+----------------+-------------------+-------+

| InvoiceId | CustomerId | InvoiceDate | BillingAddress | BillingCity | BillingState | BillingCountry | BillingPostalCode | Total |

+-----------+------------+---------------------+---------------------------+---------------+--------------+----------------+-------------------+-------+

| 1 | 2 | 2009-01-01 00:00:00 | Theodor-Heuss-Straße 34 | Stuttgart | None | Germany | 70174 | 1.98 |

| 2 | 4 | 2009-01-02 00:00:00 | Ullevålsveien 14 | Oslo | None | Norway | 0171 | 3.96 |

| 3 | 8 | 2009-01-03 00:00:00 | Grétrystraat 63 | Brussels | None | Belgium | 1000 | 5.94 |

| 4 | 14 | 2009-01-06 00:00:00 | 8210 111 ST NW | Edmonton | AB | Canada | T6G 2C7 | 8.91 |

| 5 | 23 | 2009-01-11 00:00:00 | 69 Salem Street | Boston | MA | USA | 2113 | 13.86 |

| 6 | 37 | 2009-01-19 00:00:00 | Berger Straße 10 | Frankfurt | None | Germany | 60316 | 0.99 |

| 7 | 38 | 2009-02-01 00:00:00 | Barbarossastraße 19 | Berlin | None | Germany | 10779 | 1.98 |

| 8 | 40 | 2009-02-01 00:00:00 | 8, Rue Hanovre | Paris | None | France | 75002 | 1.98 |

| 9 | 42 | 2009-02-02 00:00:00 | 9, Place Louis Barthou | Bordeaux | None | France | 33000 | 3.96 |

| 10 | 46 | 2009-02-03 00:00:00 | 3 Chatham Street | Dublin | Dublin | Ireland | None | 5.94 |

| 11 | 52 | 2009-02-06 00:00:00 | 202 Hoxton Street | London | None | United Kingdom | N1 5LH | 8.91 |

| 12 | 2 | 2009-02-11 00:00:00 | Theodor-Heuss-Straße 34 | Stuttgart | None | Germany | 70174 | 13.86 |

| 13 | 16 | 2009-02-19 00:00:00 | 1600 Amphitheatre Parkway | Mountain View | CA | USA | 94043-1351 | 0.99 |

| 14 | 17 | 2009-03-04 00:00:00 | 1 Microsoft Way | Redmond | WA | USA | 98052-8300 | 1.98 |

| 15 | 19 | 2009-03-04 00:00:00 | 1 Infinite Loop | Cupertino | CA | USA | 95014 | 1.98 |

| 16 | 21 | 2009-03-05 00:00:00 | 801 W 4th Street | Reno | NV | USA | 89503 | 3.96 |

| 17 | 25 | 2009-03-06 00:00:00 | 319 N. Frances Street | Madison | WI | USA | 53703 | 5.94 |

| 18 | 31 | 2009-03-09 00:00:00 | 194A Chain Lake Drive | Halifax | NS | Canada | B3S 1C5 | 8.91 |

| 19 | 40 | 2009-03-14 00:00:00 | 8, Rue Hanovre | Paris | None | France | 75002 | 13.86 |

| 20 | 54 | 2009-03-22 00:00:00 | 110 Raeburn Pl | Edinburgh | None | United Kingdom | EH4 1HH | 0.99 |

| 21 | 55 | 2009-04-04 00:00:00 | 421 Bourke Street | Sidney | NSW | Australia | 2010 | 1.98 |

| 22 | 57 | 2009-04-04 00:00:00 | Calle Lira, 198 | Santiago | None | Chile | None | 1.98 |

| 23 | 59 | 2009-04-05 00:00:00 | 3,Raj Bhavan Road | Bangalore | None | India | 560001 | 3.96 |

| 24 | 4 | 2009-04-06 00:00:00 | Ullevålsveien 14 | Oslo | None | Norway | 0171 | 5.94 |

| 25 | 10 | 2009-04-09 00:00:00 | Rua Dr. Falcão Filho, 155 | São Paulo | SP | Brazil | 01007-010 | 8.91 |

+-----------+------------+---------------------+---------------------------+---------------+--------------+----------------+-------------------+-------+

(Output limit exceeded, 25 of 412 total rows shown)

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

Question 4

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

Select Playlistid,

Name

From Playlists;

+------------+----------------------------+

| PlaylistId | Name |

+------------+----------------------------+

| 1 | Music |

| 2 | Movies |

| 3 | TV Shows |

| 4 | Audiobooks |

| 5 | 90’s Music |

| 6 | Audiobooks |

| 7 | Movies |

| 8 | Music |

| 9 | Music Videos |

| 10 | TV Shows |

| 11 | Brazilian Music |

| 12 | Classical |

| 13 | Classical 101 - Deep Cuts |

| 14 | Classical 101 - Next Steps |

| 15 | Classical 101 - The Basics |

| 16 | Grunge |

| 17 | Heavy Metal Classic |

| 18 | On-The-Go 1 |

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

Question 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,

InvoiceDate,

BillingCity

From Invoices;

+------------+---------------------+---------------+

| 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)

Answer: **Bordeaux**

**2009-04-04**

Question 6

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

Select FirstName,

LastName,

Email,

Phone

From Customers;

+-----------+-------------+-------------------------------+--------------------+

| FirstName | LastName | Email | Phone |

+-----------+-------------+-------------------------------+--------------------+

| Luís | Gonçalves | luisg@embraer.com.br | +55 (12) 3923-5555 |

| Leonie | Köhler | leonekohler@surfeu.de | +49 0711 2842222 |

| François | Tremblay | ftremblay@gmail.com | +1 (514) 721-4711 |

| Bjørn | Hansen | bjorn.hansen@yahoo.no | +47 22 44 22 22 |

| František | Wichterlová | frantisekw@jetbrains.com | +420 2 4172 5555 |

| Helena | Holý | hholy@gmail.com | +420 2 4177 0449 |

| Astrid | Gruber | astrid.gruber@apple.at | +43 01 5134505 |

| Daan | Peeters | daan\_peeters@apple.be | +32 02 219 03 03 |

| Kara | Nielsen | kara.nielsen@jubii.dk | +453 3331 9991 |

| Eduardo | Martins | eduardo@woodstock.com.br | +55 (11) 3033-5446 |

| Alexandre | Rocha | alero@uol.com.br | +55 (11) 3055-3278 |

| Roberto | Almeida | roberto.almeida@riotur.gov.br | +55 (21) 2271-7000 |

| Fernanda | Ramos | fernadaramos4@uol.com.br | +55 (61) 3363-5547 |

| Mark | Philips | mphilips12@shaw.ca | +1 (780) 434-4554 |

| Jennifer | Peterson | jenniferp@rogers.ca | +1 (604) 688-2255 |

| Frank | Harris | fharris@google.com | +1 (650) 253-0000 |

| Jack | Smith | jacksmith@microsoft.com | +1 (425) 882-8080 |

| Michelle | Brooks | michelleb@aol.com | +1 (212) 221-3546 |

| Tim | Goyer | tgoyer@apple.com | +1 (408) 996-1010 |

| Dan | Miller | dmiller@comcast.com | +1 (650) 644-3358 |

| Kathy | Chase | kachase@hotmail.com | +1 (775) 223-7665 |

| Heather | Leacock | hleacock@gmail.com | +1 (407) 999-7788 |

| John | Gordon | johngordon22@yahoo.com | +1 (617) 522-1333 |

| Frank | Ralston | fralston@gmail.com | +1 (312) 332-3232 |

| Victor | Stevens | vstevens@yahoo.com | +1 (608) 257-0597 |

+-----------+-------------+-------------------------------+--------------------+

(Output limit exceeded, 25 of 59 total rows shown)

Answer: **Jennifer Peterson's phone number is: +1 (604) 688-2255**

Question 7

*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 Track Id, Genre Id, Composer, Unit Price from the Tracks table. How much do these tracks cost?

Select TrackId,

GenreId,

Composer,

UnitPrice

From Tracks;

+---------+---------+------------------------------------------------------------------------+-----------+

| TrackId | GenreId | Composer | UnitPrice |

+---------+---------+------------------------------------------------------------------------+-----------+

| 1 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 2 | 1 | None | 0.99 |

| 3 | 1 | F. Baltes, S. Kaufman, U. Dirkscneider & W. Hoffman | 0.99 |

| 4 | 1 | F. Baltes, R.A. Smith-Diesel, S. Kaufman, U. Dirkscneider & W. Hoffman | 0.99 |

| 5 | 1 | Deaffy & R.A. Smith-Diesel | 0.99 |

| 6 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 7 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 8 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 9 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 10 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 11 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 12 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 13 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 14 | 1 | Angus Young, Malcolm Young, Brian Johnson | 0.99 |

| 15 | 1 | AC/DC | 0.99 |

| 16 | 1 | AC/DC | 0.99 |

| 17 | 1 | AC/DC | 0.99 |

| 18 | 1 | AC/DC | 0.99 |

| 19 | 1 | AC/DC | 0.99 |

| 20 | 1 | AC/DC | 0.99 |

| 21 | 1 | AC/DC | 0.99 |

| 22 | 1 | AC/DC | 0.99 |

| 23 | 1 | Steven Tyler, Joe Perry, Jack Blades, Tommy Shaw | 0.99 |

| 24 | 1 | Steven Tyler, Joe Perry | 0.99 |

| 25 | 1 | Steven Tyler, Joe Perry, Jim Vallance, Holly Knight | 0.99 |

+---------+---------+------------------------------------------------------------------------+-----------+

(Output limit exceeded, 25 of 3503 total rows shown)

Answer: 0.99\*3503=3467.97

Question 8

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

Select \*

From Playlist\_track

Limit 10;

+------------+---------+

| PlaylistId | TrackId |

+------------+---------+

| 1 | 3402 |

| 1 | 3389 |

| 1 | 3390 |

| 1 | 3391 |

| 1 | 3392 |

| 1 | 3393 |

| 1 | 3394 |

| 1 | 3395 |

| 1 | 3396 |

| 1 | 3397 |

+------------+---------+

Answer: You can access the first 10 row of the PlaylistId and TrackId from Playlist\_track

Question 9

*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:**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?

Select \*

From Media\_types

Limit 50;

+-------------+-----------------------------+

| MediaTypeId | Name |

+-------------+-----------------------------+

| 1 | MPEG audio file |

| 2 | Protected AAC audio file |

| 3 | Protected MPEG-4 video file |

| 4 | Purchased AAC audio file |

| 5 | AAC audio file |

+-------------+-----------------------------+

Answer: It only shows 5 records. No. I am not be able to get all 50 records.

10.

Question 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.*

**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?

Select \*

From Albums;

+---------+--------------------------------------------------+----------+

| AlbumId | Title | ArtistId |

+---------+--------------------------------------------------+----------+

| 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 |

| 5 | Big Ones | 3 |

| 6 | Jagged Little Pill | 4 |

| 7 | Facelift | 5 |

| 8 | Warner 25 Anos | 6 |

| 9 | Plays Metallica By Four Cellos | 7 |

| 10 | Audioslave | 8 |

| 11 | Out Of Exile | 8 |

| 12 | BackBeat Soundtrack | 9 |

| 13 | The Best Of Billy Cobham | 10 |

| 14 | Alcohol Fueled Brewtality Live! [Disc 1] | 11 |

| 15 | Alcohol Fueled Brewtality Live! [Disc 2] | 11 |

| 16 | 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 |

| 23 | Minha Historia | 17 |

| 24 | Afrociberdelia | 18 |

| 25 | Da Lama Ao Caos | 18 |

+---------+--------------------------------------------------+----------+

(Output limit exceeded, 25 of 347 total rows shown)

Answer: Plays Metallica By Four Cellos