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Started on	Friday, 28 January 2022, 3:17 PM
State	Finished
Completed on	Friday, 28 January 2022, 3:35 PM
Time taken	17 mins 34 secs
Grade	**7.50** out of 10.00 (**75**%)

Question **1**

Correct

Mark 0.50 out of 0.50

Display the distinct labels from the Albums table.

Answer: | SELECT DISTINCT Label from Albums; | ✔

The correct answer is: SELECT DISTINCT Label FROM Albums;

Question **2**

Correct

Mark 0.50 out of 0.50

List all premium users.

Answer: | select UserName from Users where Account_Type='P'; | ✔

The correct answer is: select from users where account_type = 'p';

Question **3**

Incorrect

Mark 0.00 out of 0.50

List all album names by Maroon 5 with genre Rock.

Answer: | SELECT AlbumName FROM Albums WHERE (ArtistName,Genre) = ('Maroon 5','Ro | ✘

The correct answer is: select from ALBUMS where artistname = 'maroon 5' and genre = 'rock';

Question **4**

Correct

Mark 1.00 out of 1.00

BITSGians have developed interest in Rock music. Write a single SQL query to increase the hours streamed of all Rock albums by 200.

Answer: | UPDATE Albums set HoursStreamed=HoursStreamed+200 WHERE Genre='Rock'; | ✔

The correct answer is: UPDATE Albums SET HoursStreamed=HoursStreamed+200 WHERE Genre='Rock';

Question **5**

Correct

Mark 0.50 out of 0.50

Add a column Duration to Artists table with NOT NULL constraint.

Answer: | ALTER table Artists add column Duration int NOT NULL; | ✔

The correct answer is: alter table artists add column Duration int NOT NULL;

Question **6**

Correct

Mark 1.00 out of 1.00

Delete only those rows where HoursStreamed is greater than 400.

Answer: | DELETE from Albums WHERE HoursStreamed>400; | ✔

The correct answer is: DELETE FROM Albums WHERE HoursStreamed>400;

Question **7**

Correct

Mark 1.00 out of 1.00

Display using select query (do not update) the HoursStreamed and name of the Album if HoursStreamed is increased by 20% on all albums. //Hint: arithmetic operation in select query

Answer: | SELECT HoursStreamed*1.2 as HoursStreamed,AlbumName from Albums; | ✔

The correct answer is: select hoursstreamed + (hoursstreamed (20/100)) AS 'Hours Streamed', albumname from albums;

Question **8**

Correct

Mark 2.00 out of 2.00

Increase the number of followers of Artist with ID 100 by 200.

Answer: | update artists set NumberOfFollowers = NumberOfFollowers + 200 where ArtistII | ✔

The correct answer is: UPDATE Artists SET NumberOfFollowers=NumberOfFollowers+200 WHERE ArtistID=100;

Question **9**

Correct

Mark 1.00 out of 1.00

Update all the records in Artists table with duration as difference between active since date and today's date information. Write only one query. //Hint: use CURDATE() and datediff().

Answer: UPDATE Artists set Duration = datediff(curdate(),ActiveSince);   ✔

The correct answer is: update artists set duration = datediff(CURDATE(), activesince);

Question **10**

Incorrect

Mark 0.00 out of 2.00

Write a query to display name of the albums with genre Rock and genre Funk.

Answer: select AlbumName from albums where Genre='Rock' AND Genre='Funk';   ✖

The correct answer is: SELECT AlbumName FROM Albums WHERE Genre='Rock' OR Genre='Funk';

◄ DBS Evaluative Lab 1 Exercise

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