

IDB LAB ASSESSMENT

1. In the VENUES table, how many DIFFERENT location types are there? Name the column as "Total Unique Location"

Total Unique Location

(2 marks)

2. How many clients have email addresses?

Clients with Email

(2 marks)

3. Which song_id in the PLAY_LIST_ITEMS table have the same event_id as song_id 45?

song_id

(4 marks)

4. Find in TRACK_LISTINGS table the track number of the song that has the same CD number as "Party Music for All Occasions".

track cd_number

(4 marks)

5. List all songs' id, title, duration, and the artist name, whose song's type is either jazz or pop songs.

| SONG_ID | TITLE | DURATION | ARTIST | TYPE_CODE |
|---------|-------|----------|--------|-----------|
|---------|-------|----------|--------|-----------|

(4 marks)

6. Create a join based on the cost of the event between DJ_EVENTS and PACKAGES tables. Display the name of the event and the package's code for each event.

| event_name | code |
|------------|------|
|------------|------|

(3 marks)

7. Write a query to display the song's title, type code, the description of the type, and artist from the SONG and SONG_TYPES tables, but only for those songs with type code of 77 or 88.

| title | artist | type_code | type_description |
|-------|--------|-----------|------------------|
|-------|--------|-----------|------------------|

(4 marks)

8. Write the syntax to create the MENUS table.

(3 marks)

| Column Name | Menu_Code | Menu_Type |
|-------------|-----------|-----------|
| Key Type | PK | |
| Null? | No | No |
| Datatype | Varchar | Varchar |
| Length | 3 | 30 |

9. Write the syntax to create the FOOD_ITEMS table.

(5 marks)

| | | | | |
|---------------------|----------------|------------------|---------|---------|
| Column Name | Food_Item_Code | Food_Description | Price | Menu_No |
| Key Type | PK | | | FK |
| Null? | No | No | No | |
| FK reference | | | | Menus |
| Datatype | Varchar | Varchar | Decimal | Varchar |
| Length | 5 | 100 | 8,2 | 3 |

10. Write the syntax to add Hours_Served column to the MENUS table with datatype varchar, length of 30, and does not accept any null values.

(2 marks)