CSE4126: Distributed Database Systems Lab

Offline 1-Section B2

Marks - 5

[All of your sql commands should be in a single script, you will upload a single sql file]
[Rename your sql file with your ID, Assume any necessary data if needed]

Consider the following database schema maintained at a music recording company:

Artist(*artistID:* integer*, name:* string*, age:* integer*, gender:* string**)**
Album(*albumID:* integer*, albumTitle:* string*, artistID:* integer*, certification:* string, *numberOfTracks:* integer**)**
Track(*trackID:* integer*, trackTitle:* string*, genre:* string*, albumID:* integer, *published:* date**)**

Tasks:
1. Create the three tables and insert necessary data in the tables using SQL commands (necessary data can be within 5 to 10 rows)
   (We all should learn the reverse process - based on the query, we should be able to guess the required data)
2. Write the following queries in SQL –
   a. Find the *names* of the artists who have "platinum" certified albums.
   b. Find the *trackTitle*s of the "gold" certified albums.
   c. Find the average *numberOfTracks* from all the albums whose artist is at least 30 years old.

HONOR CODE:
1. Do not copy/share with others.
2. If identified, you will get zero.