SQL Homework Creating Tables

WEEK 8

Data Science Academy

1. According to the given diagram create STUDENTS , ACTIVITIES and SCHEDULE tables. (PK – PRIMARY KEY,FK – FOREIGN KEY, * - NOT NULL)

SCHEDULE		
FK	S_ID	NUMBER
FK	A_ID	NUMBER
	S_DATE	DATE

ACTIVITIES		
PK	A_ID*	NUMBER
	A_NAME*	VARCHAR2
	COST*	NUMBER

STUDENTS		
PK	S_ID*	NUMBER
	FIRST_NAME	VARCHAR2
	LAST_NAME	VARCHAR2
	PHONE_NUMBER	VARCHAR2
	EMAIL	VARCHAR2

2. Insert data into students table from employees table.

3. Change phone number to '***' for students with s_id > 200.

4. Update first name and last names of students in Upper cases.

5. Based on the students table populated with the following data, update the email to 'DSA' for all records whose s_id is greater than 150.

6. Create PROGRAMMERS table using records from EMPLOYEES where job_id contains 'PROG' substring

7. Delete records from students table where s_id is between 150 and 160.

8. a) Insert some date into SCHEDULE, then truncate and see results.

   b) Drop schedule table

9. For any date given, write a script to find:

   a) The first and the last days of the next year;

   b) The first and the last days of the next month;

   c) The first and the last days of the previous month.

10. Create a table named "Participants" which consists of first_name, last_name and salary (have to more than 10000).

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