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/*
Name: Md Rafi Al Arabi Bhuiyan
Id: 147307193
Lab-05
Section NFF
Date: 19-06-2020
*/
```

**SET AUTOCOMMIT ON;**

```
/* 1.
```

```
CREATE TABLE L5_MOVIES
( Mid INT PRIMARY KEY,
Title VARCHAR(35) NOT NULL,
releaseYear INT NOT NULL,
director INT NOT NULL,
score DECIMAL(3,2) CHECK (score <5 AND score >0));
```

```
CREATE TABLE L5_ACTORS
(Aid INT PRIMARY KEY,
firstname VARCHAR(20) NOT NULL,
lastname VARCHAR(30) NOT NULL);
```

```
CREATE TABLE L5_CASTINGS
(movieid INT,
actorid INT,
PRIMARY KEY(movieid, actorid),
constraint cast
FOREIGN KEY(movieid) REFERENCES L5_MOVIES(Mid) ON DELETE CASCADE,
FOREIGN KEY(actorid) REFERENCES L5_ACTORS(Aid) ON DELETE CASCADE);
```

```
CREATE TABLE L5_DIRECTORS
(directorid INT PRIMARY KEY,
firstname VARCHAR(20) NOT NULL,
lastname VARCHAR(30) NOT NULL);
*/
```

```
/* 2.
ALTER TABLE L5_MOVIES
ADD CONSTRAINT M
FOREIGN KEY(director) REFERENCES L5_DIRECTORS(directorid);
*/
```

```
/* 3.
ALTER TABLE L5_MOVIES
ADD CONSTRAINT title UNIQUE(Title);
*/
```

```
/* 4.
INSERT INTO L5_Directors(directorid, firstname, lastname)
VALUES(1010, 'Rob', 'Minkoff');
INSERT INTO L5_Directors(directorid, firstname, lastname)
VALUES(1020, 'Bill', 'Condon');
INSERT INTO L5_Directors(directorid, firstname, lastname)
VALUES(1050, 'Josh', 'Cooley');
INSERT INTO L5_Directors(directorid, firstname, lastname)
VALUES(2010, 'Brad', 'Bird');
INSERT INTO L5_Directors(directorid, firstname, lastname)
VALUES(3020, 'Lake', 'Bell');
```

```
INSERT INTO L5_MOVIES(Mid, Title, releaseYear, director, score)
VALUES(100, 'The Lion King', 2019, 3020, 3.50);
INSERT INTO L5_MOVIES(Mid, Title, releaseYear, director, score)
VALUES(200, 'Beauty and the Beast', 2017, 1050, 4.20);
INSERT INTO L5_MOVIES(Mid, Title, releaseYear, director, score)
VALUES(300, 'Toy Story 4', 2019, 1020, 4.50);
INSERT INTO L5_MOVIES(Mid, Title, releaseYear, director, score)
VALUES(400, 'Mission Impossible', 2018, 2010, 5.00);
INSERT INTO L5_MOVIES(Mid, Title, releaseYear, director, score)
VALUES(500, 'The Secret Life of Pets', 2016, 1010, 3.90);
*/
```

```
/* 5.
DROP TABLE L5_CASTINGS CASCADE CONSTRAINTS PURGE;
DROP TABLE L5_ACTORS CASCADE CONSTRAINTS PURGE;
```

```
DROP TABLE L5_MOVIES CASCADE CONSTRAINTS PURGE;  
DROP TABLE L5_DIRECTORS CASCADE CONSTRAINTS PURGE;  
*/
```

```
/* 6.  
CREATE TABLE employee2 AS SELECT * FROM EMPLOYEES;  
*/
```

```
/* 7.  
ALTER TABLE employee2  
ADD username varchar(30);  
*/
```

```
/* 8.  
DELETE employee2;  
*/
```

```
/* 9.  
INSERT INTO employee2 SELECT * FROM EMPLOYEES;  
*/
```

```
/* 10.  
UPDATE employee2  
SET firstName = 'Md Rafi Al Arabi', lastName = 'Bhuiyan'  
WHERE employeeNumber = 1002;  
*/
```

```
/* 11.  
SELECT LOWER (CONCAT(SUBSTR(firstName, 1, 1), lastName)) AS username  
FROM employee2;  
*/
```

```
/* 12.  
DELETE FROM employee2 WHERE officecode=4;  
*/
```

```
/* 13.  
DROP TABLE EMPLOYEE2;  
*/
```