QUESTION: No:1

IMDB Design a DataBase for IMDB consisting of names, images, genres, ratings, artist

Ans:

Create:

Create table IMDB (

  Name text,

  Image blob,

  Genre text,

  Rating integer,

  Artist text)

Output:

IMDB

Name	Image	Genre	Ratings	Artist
empty				

Update:

insert into IMDB

 values("Fast and Furious 9", "D:\React.js\IMBD TASK\FF9", "Action film",8.5,

"Justin Lin");

insert into IMDB

 values("Fast and Furious 8", "D:\React.js\IMBD TASK\FF8", "Action film",8.7,

"Justin Lin");

insert into IMDB

 values("Fast and Furious 7", "D:\React.js\IMBD TASK\FF7", "Action film",9,

"Justin Lin");

Select:

select * from IMDB

Output:

IMDB

Name	Image	Genre	Ratings	Artist
Fast and Furious 9	D:\React.js\IMBD TASK\FF9	Action film	8.5	Justin Lin
Fast and Furious 8	D:\React.js\IMBD TASK\FF8	Action film	8.7	Justin Lin
Fast and Furious 7	D:\React.js\IMBD TASK\FF7	Action film	9	Justin Lin

---

Question 2. The movie should have multiple media(Video or Image)

Ans:

Create:

Create table Image(

  Title text,

  Image blob);

Output:

Image

Title	Image
empty	

Update:

insert into Image

values("Fast and Furious 9", "D:\React.js\IMBD TASK\FF9.png");

insert into Image

values("Fast and Furious 8", "D:\React.js\IMBD TASK\FF8.png");

insert into Image

values("Fast and Furious 7", "D:\React.js\IMBD TASK\FF7.png");

Select:

select * from Image

Output:

Title	Image
Fast and Furious 9	D:\React.js\IMBD TASK\FF9.png
Fast and Furious 8	D:\React.js\IMBD TASK\FF8.png
Fast and Furious 7	D:\React.js\IMBD TASK\FF7.png

Question 3. The movie can belong to multiple Genre

Ans:

Create:

create table Genre(

  MovieName text,

  Genre text);

Output:

Genre

MovieName	Genre
empty	

Update:

insert into Genre values("Fast and Furious 9","Action film");

insert into Genre values("Fast and Furious 8","Action film");

insert into Genre values("Fast and Furious 7","Action film");

Select:

Select * from Genre

Output:

MovieName	Genre
Fast and Furious 9	Action film
Fast and Furious 8	Action film
Fast and Furious 7	Action film

Question 4. The movie can have multiple reviews and Review can belong to a user

Ans:

Create:

Create table Reviews(

  MovieName text,

 Rating integer,

  Users text);

Output:

Review

MovieName	Rating	Users
empty		

Update:

insert into Review values("Fast and Furious 9",8.5,"Sam")

insert into Review values("Fast and Furious 8",8.7,"Mark")

insert into Review values("Fast and Furious 7",9,"Elon")

Select:

Select * from Review

Output:

MovieName	Rating	Users
Fast and Furious 9	8.5	Sam
Fast and Furious 8	8.7	Mark
Fast and Furious 7	9	Elon

Question 5. Artist can have multiple skills

Ans:

Create:

create table Artist(

 Name text,

Skills text)

Output:

Artist

Name	Skills
empty	

Update:

insert into artist values("Justin Lin", Drawing");

insert into artist values("Justin Lin", "Dancing");

insert into artist values("Justin Lin", "Singing");

Select:

Select * from Artist

Output:

Name	Skills
Justin Lin	Drawing
Justin Lin	Dancing
Justin Lin	Singing

Question 6. Artist can perform multiple role in a single film

Ans:

Create:

create table Role(

 MovieName text,

 HeroName text,

 Role1 text,

 Role2 text);

Output:

Role

MovieName	HeroName	Role1	Role2
empty			

Update:

Insert into Role values ("Fast and Furious 9", "Vin Diesel", "Dominic Toretto", "Dom")

Insert into Role values ("Fast and Furious 8", "Vin Diesel", "Dominic Toretto", "Dom")

Insert into Role values ("Fast and Furious 7", "Vin Diesel", "Dominic Toretto", "Dom")

Select:

Select * from Role

Output:

MovieName	HeroName	Role1	Role2
Fast and Furious 9	Vin Diesel	Dominic Toretto	Dom
Fast and Furious 8	Vin Diesel	Dominic Toretto	Dom
Fast and Furious 7	Vin Diesel	Dominic Toretto	Dom