List of all tables, their attributes,and few example rows:

|  |  |
| --- | --- |
| MOVIE | |
| movieId | int |
| Name | varchar |

|  |  |
| --- | --- |
| THEATRE | |
| theatreId | int |
| name | varchar |
| location | varchar |

|  |  |
| --- | --- |
| SHOWS | |
| showId | int |
| showDate | date |
| ShowTime | timestamp |
| Quality | varchar |
| language | varchar |
| sound | varchar |
| movieId | int |
| TheaterId | int |

SQL Queries:

CREATE TABLE MOVIE (

movieId int PRIMARY KEY,

name varchar(128)

);

CREATE TABLE THEATRE(

theaterId int PRIMARY KEY,

name varchar(128),

location varchar(128)

);

CREATE TABLE SHOWS(

showID int PRIMARY KEY,

showDate Date,

showTime timestamp,

quality varchar(128),

language varchar(128),

sound varchar(128),

movieId int,

theaterId int,

foreign key (movieId) references MOVIE(movieId),

foreign key (theaterId) references THEATRE(theaterId)

);

INSERT INTO MOVIE (movieId, name) VALUES

(1, 'Inception'),

(2, 'The Matrix'),

(3, 'Interstellar');

INSERT INTO THEATRE (theaterId, name, location) VALUES

(1, 'PVR Cinemas', 'Downtown'),

(2, 'INOX', 'City Mall'),

(3, 'Carnival Cinemas', 'Suburb');

-- Insert sample shows

INSERT INTO SHOWS (showID, showDate, showTime, quality, language, sound, movieId, theaterId) VALUES

(1, '2025-06-01', '2025-06-01 18:30:00', 'HD', 'English', 'Dolby', 1, 1),

(2, '2025-06-01', '2025-06-01 21:00:00', '4K', 'English', 'Dolby', 2, 1),

(3, '2025-06-05', '2025-06-05 15:00:00', 'HD', 'Hindi', 'DTS', 1, 1),

(4, '2025-06-03', '2025-06-03 17:45:00', '4K', 'English', 'Dolby', 3, 3),

(5, '2025-06-05', '2025-06-05 14:00:00', 'HD', 'English', 'Dolby', 1, 1),

(6, '2025-06-05', '2025-06-05 18:00:00', 'HD', 'English', 'Dolby', 2, 1),

(7, '2025-06-06', '2025-06-06 12:00:00', '4K', 'English', 'Dolby', 1, 1),

(8, '2025-06-06', '2025-06-06 20:00:00', '4K', 'English', 'Dolby', 1, 1),

(9, '2025-06-07', '2025-06-07 15:30:00', 'HD', 'English', 'Dolby', 1, 1),

(10, '2025-06-05', '2025-06-05 10:00:00', 'HD', 'English', 'Dolby', 1, 1),

(11, '2025-06-05', '2025-06-05 13:00:00', 'HD', 'English', 'Dolby', 2, 1),

(12, '2025-06-05', '2025-06-05 15:30:00', '4K', 'English', 'Dolby', 1, 1),

(13, '2025-06-06', '2025-06-06 21:00:00', '4K', 'English', 'Dolby', 1, 1),

(14, '2025-06-07', '2025-06-07 16:45:00', 'HD', 'English', 'Dolby', 1, 1);

SELECT \* FROM MOVIE;

SELECT \* FROM THEATRE;

SELECT \* FROM SHOWS;

SELECT

s.showDate,

s.showTime,

s.quality,

s.language,

s.sound,

m.name AS movieName,

t.name AS theaterName

FROM SHOWS s

INNER JOIN MOVIE m ON s.movieId = m.movieId

INNER JOIN THEATRE t ON s.theaterId = t.theaterId WHERE t.name = 'PVR CINEMAS' and s.showDate = '2025-06-05'

ORDER BY m.name;