create database bookmyshow;

use bookmyshow;

-- drop database db1;

show databases;

create table movies(

movie\_id int primary key auto\_increment,

movie\_name varchar(50)not null,

duration int not null ,

language varchar(30) not null

);

create table theatres(

theatre\_id int primary key auto\_increment,

theatre\_name varchar(30) not null,

location varchar(50)not null

);

create table shows(

show\_id int primary key auto\_increment,

movie\_id int not null,

theatre\_id int not null,

show\_date date not null,

show\_time time not null,

foreign key(movie\_id) references movies(movie\_id) on delete cascade,

foreign key(theatre\_id) references theatres(theatre\_id) on delete cascade

);

show tables;

select \* from movies;

select \* from theatres;

select \* from shows;

-- truncate table movies;

-- truncate table theatres;

-- truncate table shows;

-- drop table shows;

-- SET SQL\_SAFE\_UPDATES = 0;

insert into movies values (null,'movie1',120,'hindi');

insert into movies values (null,'movie2',125,'mal');

insert into movies values (null,'movie3',135,'hindi');

insert into movies values (null,'movie4',140,'tamil');

insert into movies values (null,'movie5',155,'mal');

insert into theatres values (null, 'theatre1','bangalore');

insert into theatres values (null, 'theatre2','mysore');

insert into theatres values (null, 'theatre3','kochi');

insert into theatres values (null, 'theatre4','mumbai');

insert into theatres values (null, 'theatre5','delhi');

insert into shows values(null,1,1,'2025-03-19','14:30:00');

insert into shows values(null,1,2,'2025-03-19','17:30:00');

insert into shows values(null,2,1,'2025-03-19','14:30:00');

insert into shows values(null,2,3,'2025-03-20','16:30:00');

insert into shows values(null,3,5,'2025-03-21','15:00:00');

insert into shows values(null,3,2,'2025-03-19','12:00:00');

insert into shows values(null,4,2,'2025-03-19','18:00:00');

select s.show\_id, m.movie\_name, t.theatre\_name, s.show\_date, s.show\_time

from shows s

join movies m on m.movie\_id = s.movie\_id

join theatres t on t.theatre\_id = s.theatre\_id

where t.theatre\_name = 'theatre2'

and s.show\_date = '2025-03-19';