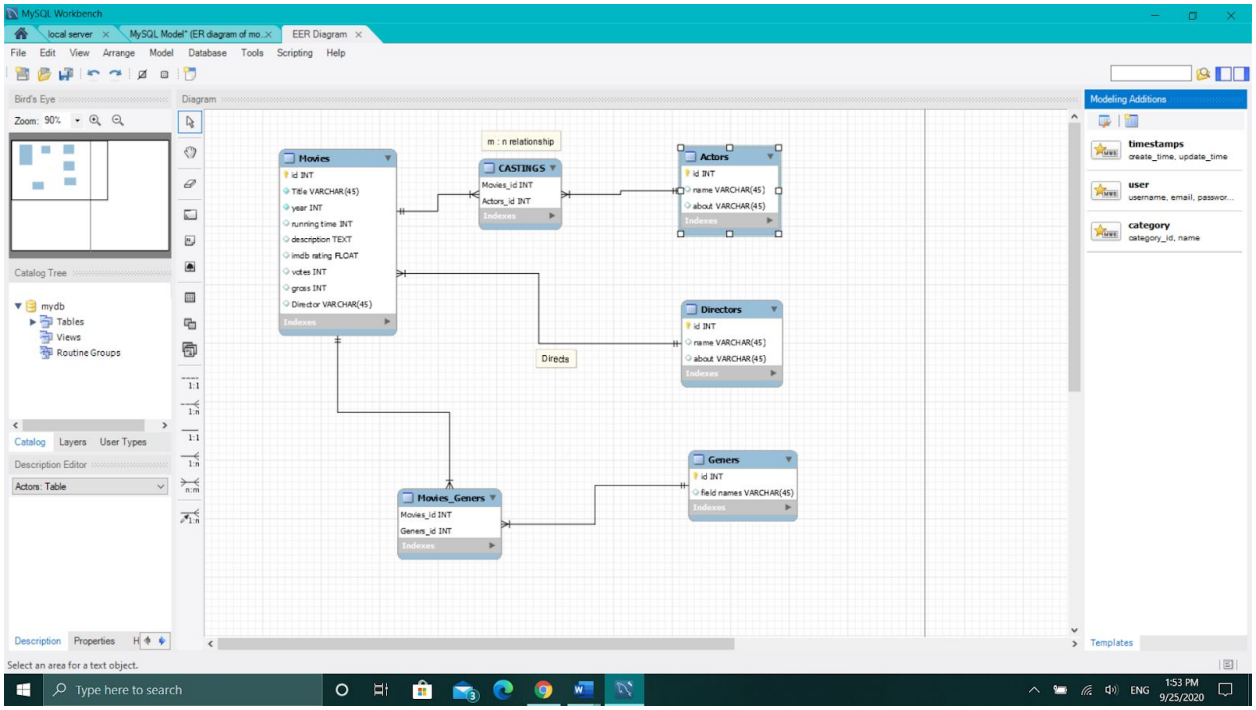
# ASSIGNMENT 2

## 1.SHOWCASE ONE MANY TO MANY RELATIONSHIP.

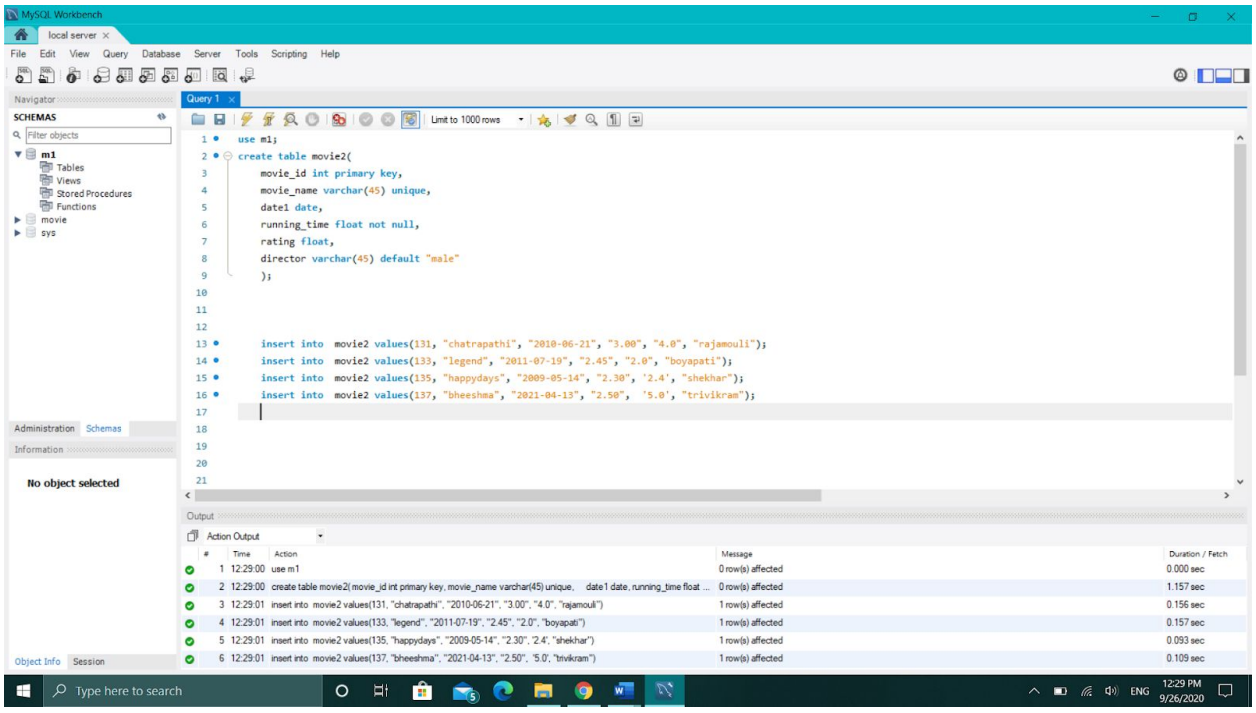



## 2.REPRESENT COMPOSITE KEY AND WEAK ENTITY IN YOUR DATABASE

WEAK ENTITY:- Genres
Composite keys:- movies_id and actors_id

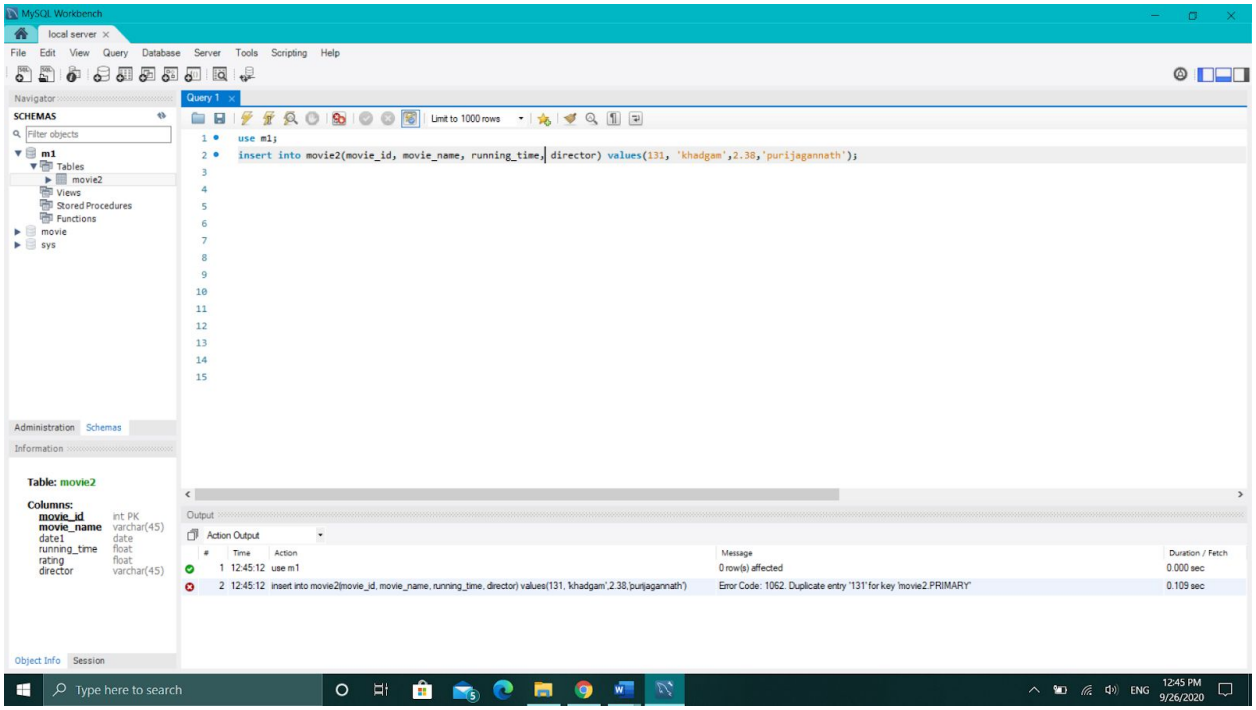
## 3.Show Violation of Primary Key, Unique Not Null and default key constraints through insertion.

Inserting Data into the tables



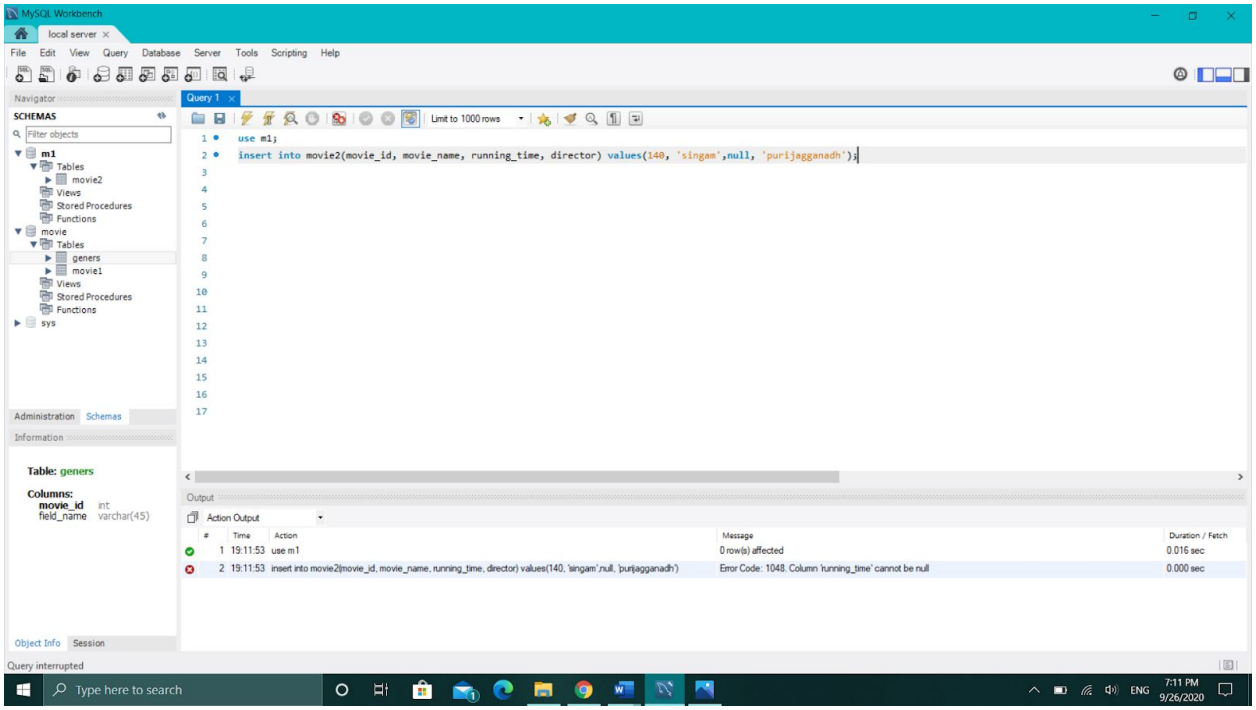

## CHECKING PRIMARY KEY AND UNIQUE

When trying to insert duplicate value for attribute movie_id primary key

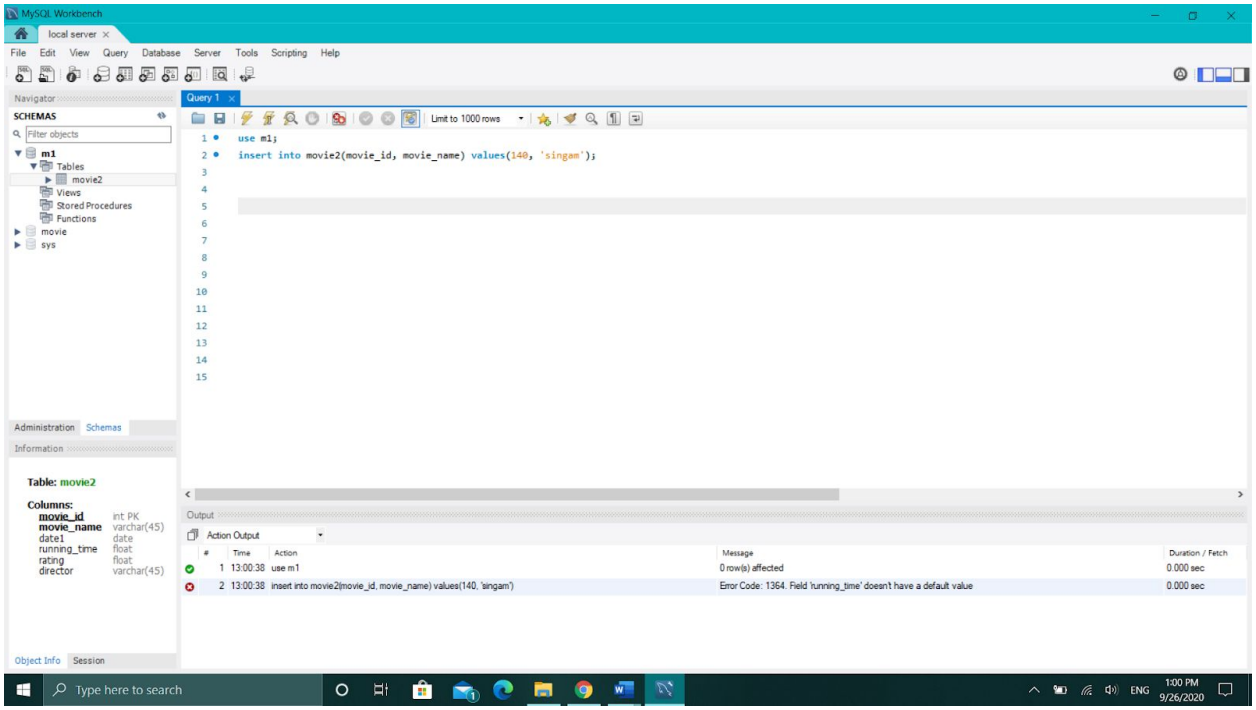



# CHECKING NOT NULL AND DEFAULT KEY

# NOT NULL



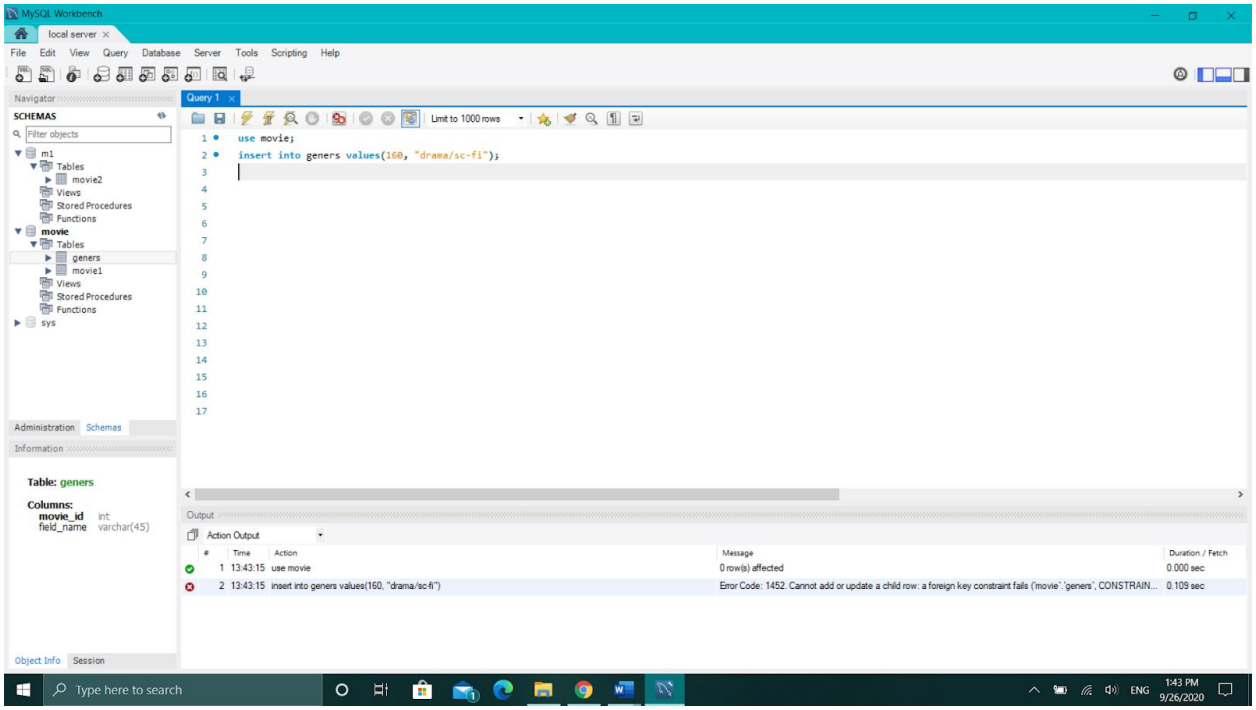
## DEFAULT KEY




## 5.INSERT TUPLES INTO THE DATABASE AND SEE HOW FOREIGN KEY CONSTRAINT WORKS IF YOU TRY TO INSERT INTO DEPENDENT TABLE LIST.

Foreign key(movie_id) in genres table which is referencing to movie_id in movies table.

Trying into insert data into genres table without inserting into movie table then:


MySQL Workbench
local server
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
m1
Tables
movie2
Views
Stored Procedures
Functions
movie
Tables
geners
movie1
Views
Stored Procedures
Functions
sys
Administration Schemas
Information
Table: geners
Columns:
movie_id int
field_name varchar(45)
Object Info Session
Query 1
Limit to 1000 rows
1 use movie;
2 insert into geners values(160, "drama/sc-fi");
Output
Action Output
# Time Action Message Duration / Fetch
1 13:43:15 use movie 0 row(s) affected 0.000 sec
2 13:43:15 insert into geners values(160, "drama/sc-fi") Error Code: 1452. Cannot add or update a child row: a foreign key constraint fails (`movie`.`geners`, CONSTRAIN... 0.109 sec
Type here to search
ENG
1:43 PM
9/26/2020