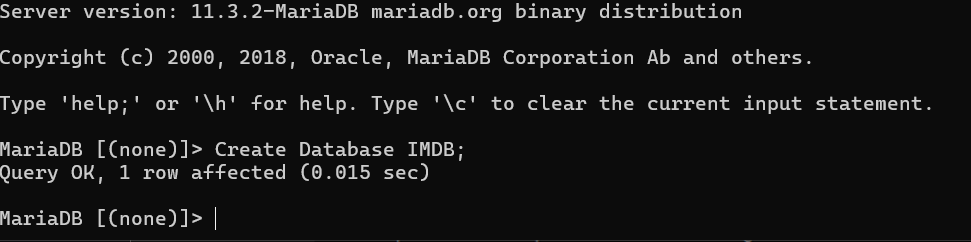
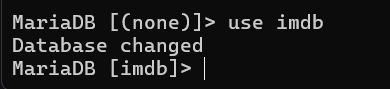
# Task – 08 (MySQL)

The MySQL shell commands:

* Create IMDB database

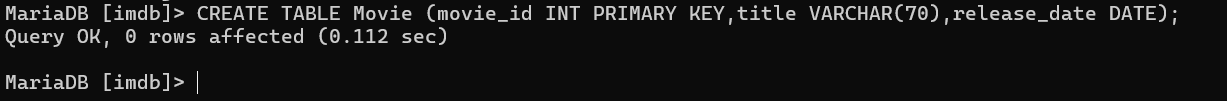


* USE IMDB:



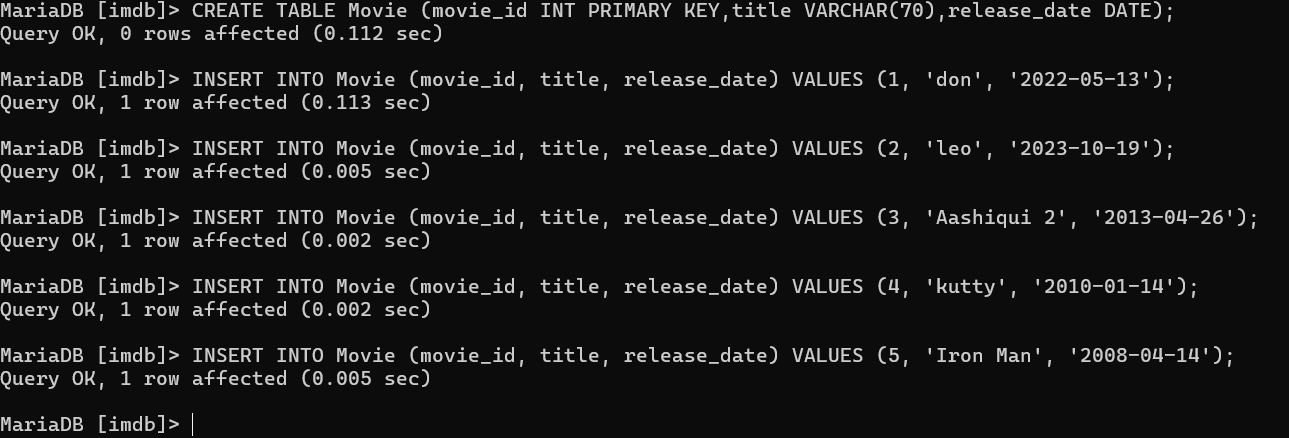
* Create Table to store information about movie:

CREATE TABLE Movie (movie\_id INT PRIMARY KEY, title VARCHAR(70), release\_date DATE);



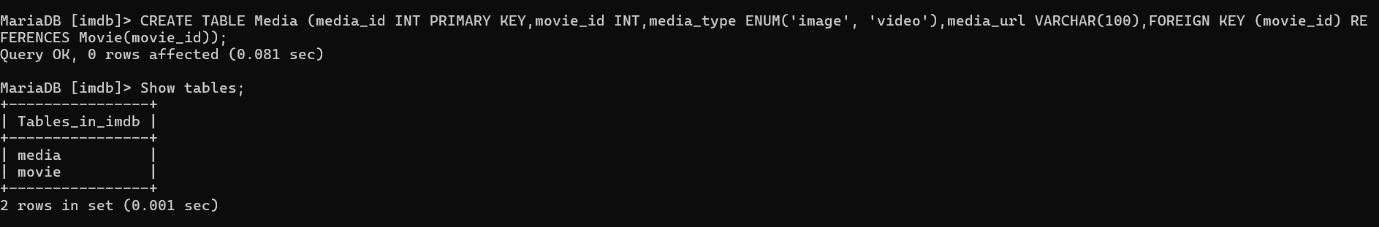
* Add data for movie:

INSERT INTO Movie (movie\_id, title, release\_date) VALUES:



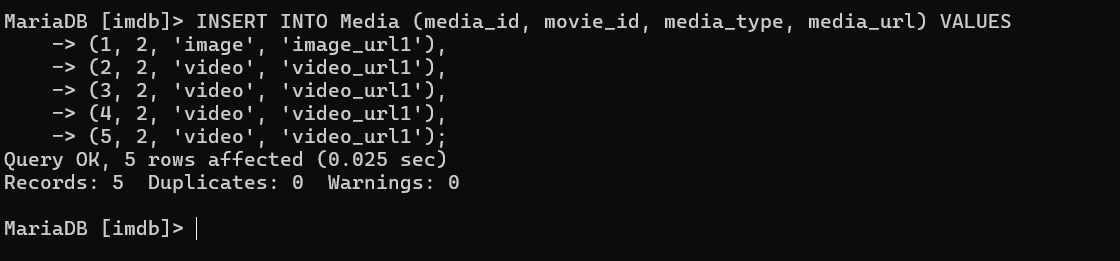
* Table to store media related to movies (images or videos):

CREATE TABLE Media (media\_id INT PRIMARY KEY,movie\_id INT,media\_type ENUM('image', 'video'),media\_url VARCHAR(100),FOREIGN KEY (movie\_id) REFERENCES Movie(movie\_id));



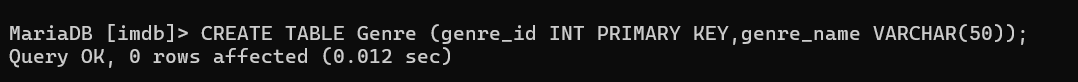
* Add media for movies:

INSERT INTO Media (media\_id, movie\_id, media\_type, media\_url) VALUES



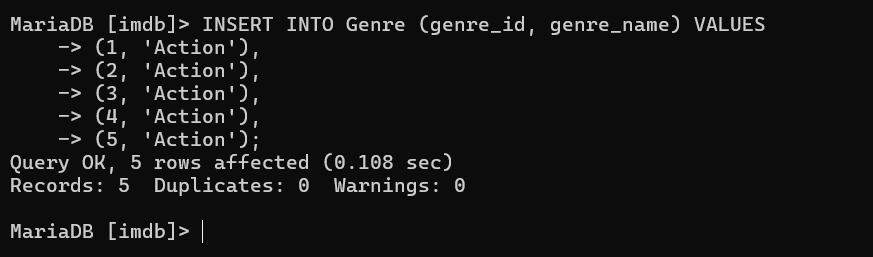
* Table to store information about genres:

CREATE TABLE Genre (genre\_id INT PRIMARY KEY,genre\_name VARCHAR(50));



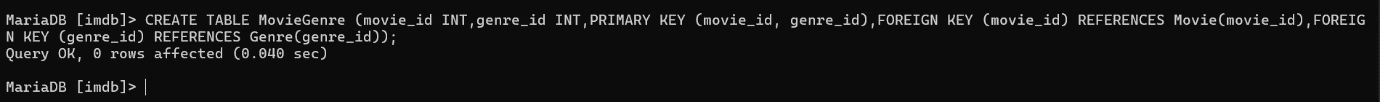
* Add genres for movies:

INSERT INTO Genre (genre\_id, genre\_name) VALUES



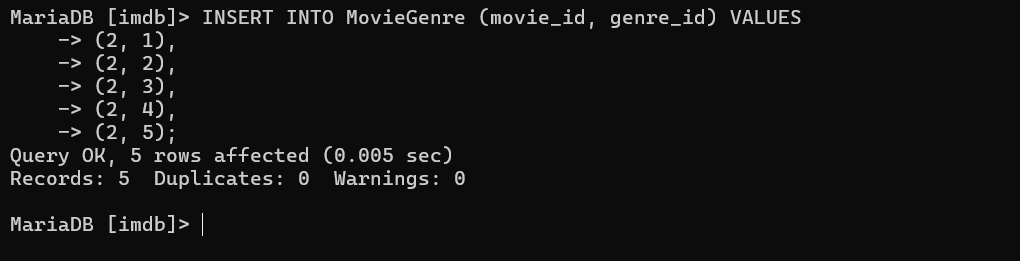
-- Table to associate movies with genres:

CREATE TABLE MovieGenre (movie\_id INT,genre\_id INT,PRIMARY KEY (movie\_id, genre\_id),FOREIGN KEY (movie\_id) REFERENCES Movie(movie\_id),FOREIGN KEY (genre\_id) REFERENCES Genre(genre\_id));



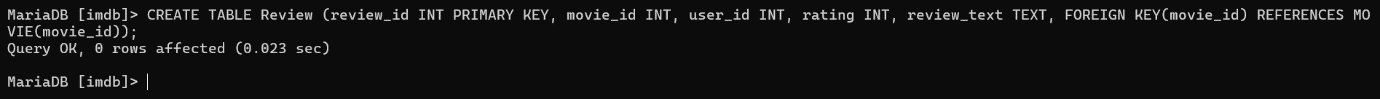
* Associate movies with genres:

INSERT INTO MovieGenre (movie\_id, genre\_id) VALUES



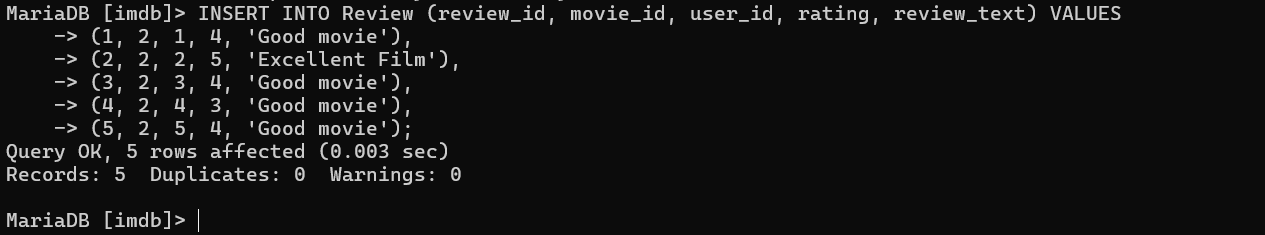
* Table to store information about reviews:

CREATE TABLE Review (review\_id INT PRIMARY KEY, movie\_id INT, user\_id INT, rating INT, review\_text TEXT, FOREIGN KEY(movie\_id) REFERENCES MOVIE(movie\_id));

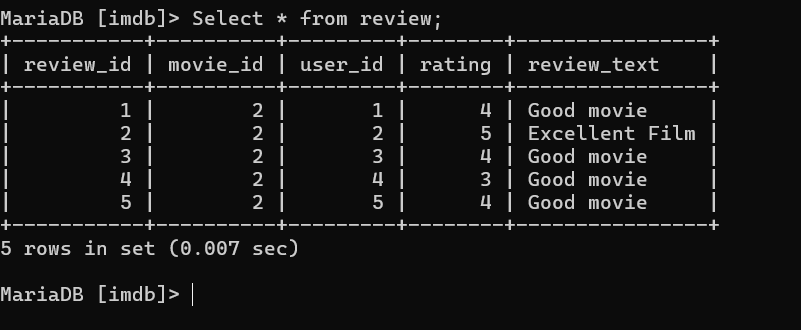


* Add reviews for movies:

INSERT INTO Review (review\_id, movie\_id, user\_id, rating, review\_text) VALUES

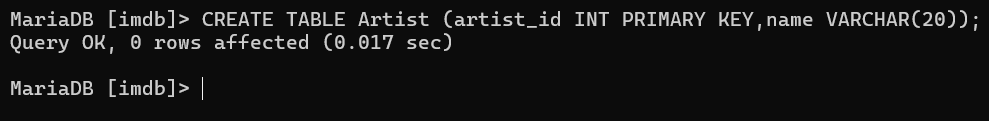


Select \* from review

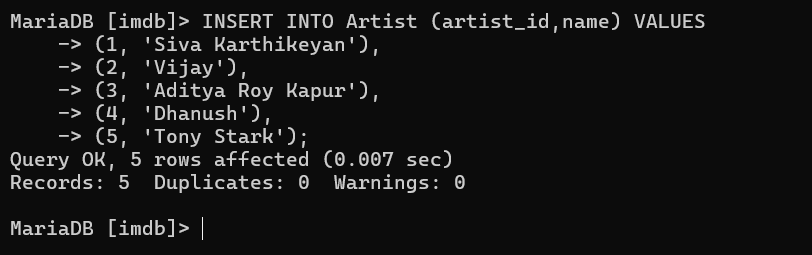


* Table to store information about artists:

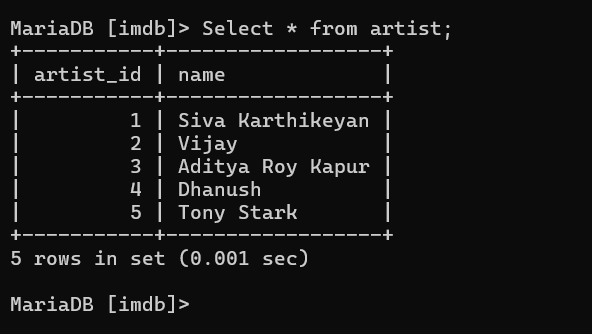
CREATE TABLE Artist (artist\_id INT PRIMARY KEY,name VARCHAR(20));



* INSERT INTO Artist (artist\_id,name) VALUES

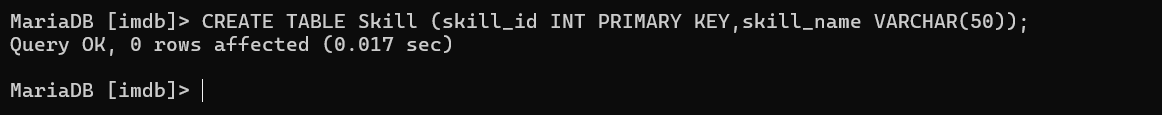


* Use select \* from table\_name to get inserted values:



* Table to store information about skills:

CREATE TABLE Skill (skill\_id INT PRIMARY KEY,skill\_name VARCHAR(50));

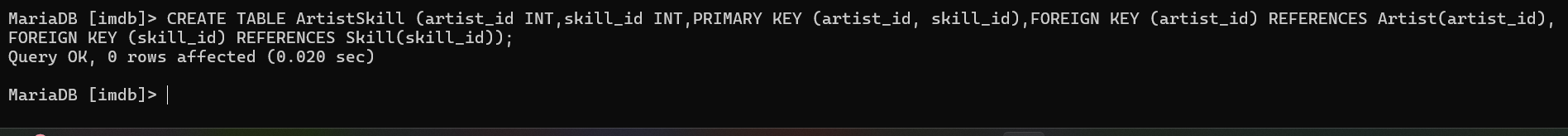


INSERT INTO SKILL (skill\_id,skill\_name) VALUES (1,'Fantastic comic timing'), (2,'High Self Esteem'), (3,'Life Skills from a Struggler'), (4,'Fantastic comic timing'), (5,'A hardworking actor');

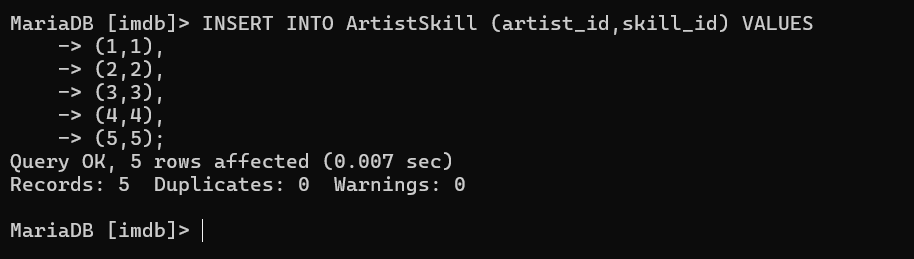


* Table to associate artists with skills:

CREATE TABLE ArtistSkill (artist\_id INT,skill\_id INT,PRIMARY KEY (artist\_id, skill\_id),FOREIGN KEY (artist\_id) REFERENCES Artist(artist\_id),FOREIGN KEY (skill\_id) REFERENCES Skill(skill\_id));

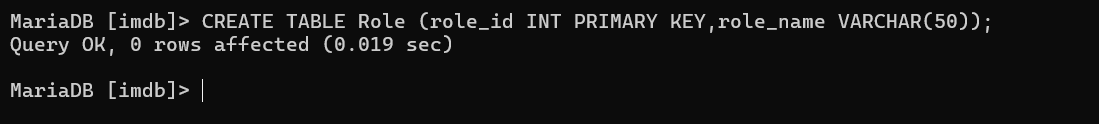


INSERT INTO ArtistSkill (artist\_id,skill\_id) VALUES

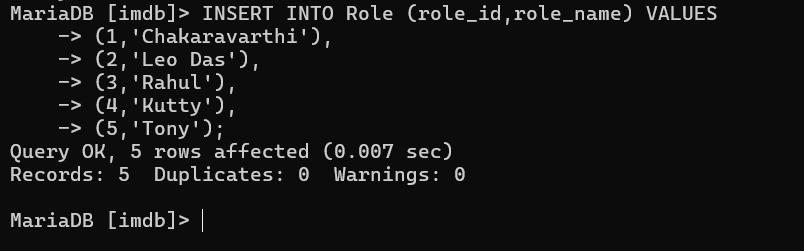


* Table to store information about roles in movies:

CREATE TABLE Role (role\_id INT PRIMARY KEY,role\_name VARCHAR(50));



INSERT INTO Role (role\_id,role\_name) VALUES (1,'Chakaravarthi'),(2,'Leo Das'),(3,'Rahul'),(4,'Kutty’),(5,'Tony’);



* Table to associate artists with roles in movies:

CREATE TABLE ArtistRole (artist\_id INT,role\_id INT,movie\_id INT,PRIMARY KEY (artist\_id, role\_id, movie\_id),FOREIGN KEY (artist\_id) REFERENCES Artist(artist\_id),FOREIGN KEY (role\_id) REFERENCES Role(role\_id),FOREIGN KEY (movie\_id) REFERENCES Movie(movie\_id));

