```
DDL:
CREATE TABLE ratings (
rating VARCHAR(10) NOT NULL,
CREATE TABLE movies (
                 VARCHAR (220)
                 VARCHAR (220)
CONSTRAINT movies PRIMARY KEY(title, yearReleased, distributor, rating),
              REFERENCES ratings (rating)
) ;
CREATE TABLE genre (
genre VARCHAR(220) NOT NULL,
 CONSTRAINT genre PRIMARY KEY (genre)
CREATE TABLE MovieInfo (
                VARCHAR (220)
                               NOT NULL,
                               NOT NULL,
                VARCHAR (220)
                VARCHAR (10)
                               NOT NULL,
genreName VARCHAR(220) NOT NULL,
CONSTRAINT MovieInfo PRIMARY KEY(title, yearReleased, genreName),
CONSTRAINT MovieInfo 1 FOREIGN KEY(title, yearReleased, distributor, rating)
            REFERENCES movies(title, yearReleased, distributor, rating),
CONSTRAINT genre 1 FOREIGN KEY (genreName)
            REFERENCES genre (genre)
DML:
CREATE TABLE ratings (
rating VARCHAR (10) NOT NULL,
CREATE TABLE movies (
distributor
                                  NOT NULL,
                 VARCHAR (220)
                                  NOT NULL,
CONSTRAINT movies PRIMARY KEY(title, yearReleased, distributor, rating),
CONSTRAINT rating FOREIGN KEY(rating)
CREATE TABLE genre (
genre VARCHAR(220) NOT NULL,
```

CONSTRAINT genre PRIMARY KEY(genre)); CREATE TABLE MovieInfo (title VARCHAR(220) NOT NULL, yearReleased INT NOT NULL, distributor VARCHAR(220) NOT NULL, rating VARCHAR(10) NOT NULL, genreName VARCHAR(220) NOT NULL, CONSTRAINT MovieInfo PRIMARY KEY(title, yearReleased, genreName),

```
CONSTRAINT MovieInfo_1 FOREIGN KEY(title, yearReleased, distributor, rating)

REFERENCES movies(title, yearReleased, distributor, rating),

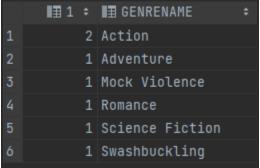
CONSTRAINT genre_1 FOREIGN KEY(genreName)

REFERENCES genre(genre)

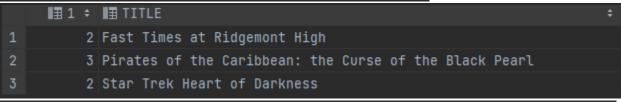
);
```

SQL Queries:

select count(*),GENRENAME from "MOVIEINFO" group by GENRENAME;



select count(*), TITLE from "MOVIEINFO" group by TITLE;



select count(distinct TITLE), RATINGS.RATING from RATINGS left join MOVIEINFO M
on RATINGS.RATING = M.RATING group by RATINGS.RATING;

