**CREATE TABLE ACTOR(ACT\_ID INT(5) PRIMARY KEY, ACT\_NAME VARCHAR(18) NOT NULL, ACT\_GENDER VARCHAR(2) NOT NULL);**

**CREATE TABLE DIRECTOR(DIR\_ID INT(5) PRIMARY KEY, DIR\_NAME VARCHAR(18) NOT NULL, DIR\_PHONE VARCHAR(10) NOT NULL);**

**CREATE TABLE MOVIES( MOV\_ID INT (5) PRIMARY KEY, MOV\_TITLE VARCHAR(10) NOT NULL, MOV\_YEAR INT (5) NOT NULL, MOV\_LANG VARCHAR(10)NOT NULL, DIR\_ID INT (5) REFERENCES DIRECTOR(DIR\_ID));**

**CREATE TABLE MOVIE\_CAST(ACT\_ID INT (5) REFERENCES ACTOR(ACT\_ID), MOV\_ID INT (5) REFERENCES MOVIES(MOV\_ID), ROLE VARCHAR(10),PRIMARY KEY(ACT\_ID,MOV\_ID));**

**CREATE TABLE RATING(MOV\_ID INT (5) REFERENCES MOVIES(MOV\_ID), REV\_STARS INT (1) NOT NULL, PRIMARY KEY(MOV\_ID));**

**Values for tables:**

**INSERT INTO ACTOR VALUES(111,'DEEPA SANNIDHI','F');**

**INSERT INTO ACTOR VALUES(222,'SUDEEP','M');**

**INSERT INTO ACTOR VALUES(333,'PUNEETH','M');**

**INSERT INTO ACTOR VALUES(444,'DHIGANTH','M');**

**INSERT INTO ACTOR VALUES(555,'ANGELA','F');**

**INSERT INTO DIRECTOR VALUES(101,'HITCHCOCK','9034657234');**

**INSERT INTO DIRECTOR VALUES(102,'RAJ MOULI','9034353444');**

**INSERT INTO DIRECTOR VALUES(103,'YOGARAJ','9032465422');**

**INSERT INTO DIRECTOR VALUES(104,'STEVEN SPIELBERG','9034235325');**

**INSERT INTO DIRECTOR VALUES(105,'PAVAN KUMAR','9034621112');**

**INSERT INTO MOVIES VALUES(1111,'LASTWORLD',2009,'ENGLISH',104);**

**INSERT INTO MOVIES VALUES(2222,'EEGA',2010,'TELUGU',102);**

**INSERT INTO MOVIES VALUES(3333,'PARMATHMA',2012,'KANNADA',103);**

**INSERT INTO MOVIES VALUES(4444,'MALE',2006,'KANNADA',103);**

**INSERT INTO MOVIES VALUES(5555,'MANASARE',2010,'KANNADA',103);**

**INSERT INTO MOVIES VALUES(6666,'REAR WINDOW',1954,'ENGLISH',101);**

**INSERT INTO MOVIES VALUES(7777,'NOTORIOUS',1946,'ENGLISH',101);**

**INSERT INTO MOVIE\_CAST VALUES(222,2222,'VILAN');**

**INSERT INTO MOVIE\_CAST VALUES(333,4444,'HERO');**

**INSERT INTO MOVIE\_CAST VALUES(111,4444,'HEROIN');**

**INSERT INTO MOVIE\_CAST VALUES(444,3333,'GUEST');**

**INSERT INTO MOVIE\_CAST VALUES(444,5555,'HERO');**

**INSERT INTO MOVIE\_CAST VALUES(555,7777,'MOTHER');**

**INSERT INTO RATING VALUES(1111,3);**

**INSERT INTO RATING VALUES(2222,4);**

**INSERT INTO RATING VALUES(3333,3);**

**INSERT INTO RATING VALUES(5555,4);**

**INSERT INTO RATING VALUES(4444,5);**

**1.)**

**SELECT MOV\_TITLE FROM MOVIES M, DIRECTOR D WHERE D.DIR\_ID=M.DIR\_ID AND DIR\_NAME='HITCHCOCK'; MOV\_TITLE NOTORIOUS REAR WINDOW;**

**2.**

**SELECT MOV\_TITLE FROM MOVIES M, MOVIE\_CAST MC WHERE M.MOV\_ID=MC.MOV\_ID AND MC.ACT\_ID IN (SELECT ACT\_ID FROM MOVIE\_CAST GROUP BY ACT\_ID HAVING COUNT(MOV\_ID)>=2);**

**3.)**

**(SELECT ACT\_NAME FROM ACTOR A JOIN MOVIE\_CAST C ON A.ACT\_ID=C.ACT\_ID JOIN MOVIES M ON C.MOV\_ID=M.MOV\_ID WHERE M.MOV\_YEAR < 2000) INTERSECT (SELECT ACT\_NAME FROM ACTOR A JOIN MOVIE\_CAST C ON A.ACT\_ID=C.ACT\_ID JOIN MOVIES M ON C.MOV\_ID=M.MOV\_ID WHERE M.MOV\_YEAR > 2015);**

**4.)**

**SELECT MOV\_TITLE,REV\_STARS FROM MOVIES M, RATING R WHERE M.MOV\_ID=R.MOV\_ID AND REV\_STARS>=1 ORDER BY MOV\_TITLE;**

**5.)**

**UPDATE RATING SET REV\_STARS=5 WHERE MOV\_ID IN (SELECT MOV\_ID FROM MOVIES M, DIRECTOR D WHERE M.DIR\_ID=D.DIR\_ID AND DIR\_NAME='STEVEN SPIELBERG');**