CREATE TABLE ACTOR (ACT\_ID INT, ACT\_NAME VARCHAR(20), ACT\_GENDER CHAR, PRIMARY KEY(ACT\_ID));

CREATE TABLE DIRECTOR (DIR\_ID INT, DIR\_NAME VARCHAR(20), DIR\_PHONE BIGINT, PRIMARY KEY (DIR\_ID));

CREATE TABLE MOVIES (MOV\_ID INT, MOV\_TITLE VARCHAR(20), MOV\_YEAR INT, MOV\_LANG VARCHAR(20), DIR\_ID INT, PRIMARY KEY (MOV\_ID), FOREIGN KEY (DIR\_ID) REFERENCES DIRECTOR (DIR\_ID) ON DELETE CASCADE ON UPDATE CASCADE);

CREATE TABLE MOVIE\_CAST (ACT\_ID INT, MOV\_ID INT, ROLE VARCHAR(20), PRIMARY KEY (ACT\_ID, MOV\_ID), FOREIGN KEY (ACT\_ID) REFERENCES ACTOR(ACT\_ID) ON DELETE CASCADE ON UPDATE CASCADE, FOREIGN KEY (MOV\_ID) REFERENCES MOVIES(MOV\_ID) ON DELETE CASCADE ON UPDATE CASCADE);

CREATE TABLE RATING (MOV\_ID INT, REV\_STARS INT, PRIMARY KEY(MOV\_ID), FOREIGN KEY(MOV\_ID) REFERENCES MOVIES(MOV\_ID) ON DELETE CASCADE ON UPDATE CASCADE);

INSERT INTO ACTOR VALUES (101, 'SUDDEEP', 'M');

INSERT INTO ACTOR VALUES (102, 'PRABHAS', 'M');

INSERT INTO ACTOR VALUES (103, 'CHRIS HEMSWORTH', 'M');

INSERT INTO ACTOR VALUES (104, 'BENEDICT CUMBERBATCH', 'M');

INSERT INTO ACTOR VALUES (105, 'MILANA NAGRAJ', 'F');

INSERT INTO DIRECTOR VALUES (201, 'TAIKA WAITITI', 2356617781);

INSERT INTO DIRECTOR VALUES (202, 'RAJAMOULI', 2356615474);

INSERT INTO DIRECTOR VALUES (203, 'ANUP BHANDARI', 9379816274);

INSERT INTO DIRECTOR VALUES (204, 'SCOTT DERRICKSON', 9356216474);

INSERT INTO DIRECTOR VALUES (205, 'DIRECTOR X', 1234567890);

INSERT INTO MOVIES VALUES (51, 'VIKRANT RONA', 2022, 'KANNADA', 203);

INSERT INTO MOVIES VALUES (52, 'SPARSHA', 1999, 'KANNADA', 205);

INSERT INTO MOVIES VALUES (53, 'BAHUBALI 1', 2015, 'TELUGU', 202);

INSERT INTO MOVIES VALUES (54, 'RANGITARANGA', 2015, 'KANNADA', 203);

INSERT INTO MOVIES VALUES (55, 'THOR RAGNAROK', 2017, 'ENGLISH', 201);

INSERT INTO MOVIES VALUES (56, 'DOCTOR STRANGE', 2016, 'ENGLISH', 204);

INSERT INTO MOVIE\_CAST VALUES (101, 51, 'HERO');

INSERT INTO MOVIE\_CAST VALUES (101, 52, 'HERO');

INSERT INTO MOVIE\_CAST VALUES (101, 53, 'GUEST');

INSERT INTO MOVIE\_CAST VALUES (102, 53, 'HERO');

INSERT INTO MOVIE\_CAST VALUES (103, 55, 'HERO');

INSERT INTO MOVIE\_CAST VALUES (104, 55, 'GUEST');

INSERT INTO MOVIE\_CAST VALUES (104, 56, 'HERO');

INSERT INTO MOVIE\_CAST VALUES (105, 51, 'GUEST');

INSERT INTO RATING VALUES (51, 3);

INSERT INTO RATING VALUES (52, 4);

INSERT INTO RATING VALUES (53, 3);

INSERT INTO RATING VALUES (54, 4);

INSERT INTO RATING VALUES (55, 0);

INSERT INTO RATING VALUES (56, 3);

SELECT MOV\_TITLE

FROM MOVIES

WHERE DIR\_ID IN (SELECT DIR\_ID

FROM DIRECTOR

WHERE DIR\_NAME='RAJAMOULI');

SELECT MOV\_TITLE

FROM MOVIES M, MOVIE\_CAST C

WHERE M.MOV\_ID=C.MOV\_ID AND C.ACT\_ID IN (SELECT ACT\_ID

FROM MOVIE\_CAST GROUP BY ACT\_ID HAVING COUNT(ACT\_ID)>1);

SELECT DISTINCT K.ACT\_NAME FROM

(SELECT A.ACT\_NAME

FROM ACTOR A JOIN MOVIE\_CAST M ON A.ACT\_ID=M.ACT\_ID

JOIN MOVIES M1 ON M.MOV\_ID=M1.MOV\_ID

WHERE M1.MOV\_YEAR<2000) K

INNER JOIN

(SELECT A.ACT\_NAME

FROM ACTOR A JOIN MOVIE\_CAST M ON A.ACT\_ID=M.ACT\_ID

JOIN MOVIES M1 ON M.MOV\_ID=M1.MOV\_ID

WHERE M1.MOV\_YEAR>2015) L

ON (K.ACT\_NAME=L.ACT\_NAME);

SELECT MOV\_TITLE, MAX(REV\_STARS)

FROM MOVIES

INNER JOIN RATING USING(MOV\_ID)

GROUP BY MOV\_TITLE

HAVING MAX(REV\_STARS)>0

ORDER BY MOV\_TITLE;

UPDATE RATING

SET REV\_STARS=5

WHERE MOV\_ID IN (SELECT MOV\_ID FROM MOVIES

WHERE DIR\_ID IN (SELECT DIR\_ID

FROM DIRECTOR

WHERE DIR\_NAME='ANUP BHANDARI'));