

In [11]:

```
import sqlite3
from sqlalchemy import create_engine
from datetime import datetime
import os
import numpy as np
import pandas as pd
```

In [5]:

```
if os.path.isfile('Db-IMDB.db'):
    start = datetime.now()
    conn = sqlite3.connect("Db-IMDB.db")
```

Question 1:

List all the directors who directed a 'Comedy' movie in a leap year. (You need to check that the genre is 'Comedy' and year is a leap year) Your query should return director name, the movie name, and the year.

In [12]:

```
Director_info = pd.read_sql_query("select Name,Gender from Person where PID in (select distinct(PID) from M_Director where MID in (Select MID from Movie where (year%4=0) and (year%100!=0) or (year%400=0) and MID in \
                                     (Select MID from M_Genre where GID in (Select GID from Genre where Name like '%Comedy%')))) ",conn)
```

In []:

```
Movie_info = pd.read_sql_query("select title,year from Movie where MID in (select MID from M_Director where PID in (select PID from M_Director where MID in (Select MID from Movie where (year%4=0) and (year%100!=0) or (year%400=0) and MID in \
                                     (Select MID from M_Genre where GID in (Select GID from Genre where Name like '%Comedy%')))) ) ",conn)
```

In [10]:

```
pd.read_sql_query("select p.Name,m.title,m.year,g.Name from Movie m , M_Director md,Genre g,M_Genre mg ,Person p on m.MID = mg.MID and \
m.MID = md.MID and g.Name like '%Comedy%' and md.PID=p.PID and m.year%4=0 group by p.Name,m.title",conn)
```

Out[10]:

	Name	title	year	Name
0	A. Bhimsingh	Aadmi	1968	Action, Comedy, Crime
1	A. Bhimsingh	Joroo Ka Ghulam	1972	Action, Comedy, Crime
2	A. Bhimsingh	Sadhu Aur Shaitaan	1968	Action, Comedy, Crime
3	A. Muthu	Tera Jadoo Chal Gayaa	2000	Action, Comedy, Crime
4	A.R. Murugadoss	Akira	2016	Action, Comedy, Crime
5	A.R. Murugadoss	Ghajini	2008	Action, Comedy, Crime
6	A.R. Murugadoss	Thuppakki	2012	Action, Comedy, Crime
7	Abbas Alibhai Burmawalla	Aitraaz	2004	Action, Comedy, Crime
8	Abbas Alibhai Burmawalla	Daraar	1996	Action, Comedy, Crime
9	Abbas Alibhai Burmawalla	Khiladi	1992	Action, Comedy, Crime

	Name	title	year	Name
10	Abbas Alibhai Burmawalla	Players	2012	Action, Comedy, Crime
11	Abbas Alibhai Burmawalla	Race	2008	Action, Comedy, Crime
12	Abbas Alibhai Burmawalla	Taarzan: The Wonder Car	2004	Action, Comedy, Crime
13	Abbas Tyrewala	Jaane Tu... Ya Jaane Na	2008	Action, Comedy, Crime
14	Abhinay Deo	Force 2	2016	Action, Comedy, Crime
15	Abhishek Chaubey	Udta Punjab	2016	Action, Comedy, Crime
16	Abhishek Jain	Kevi Rite Jaish	2012	Action, Comedy, Crime
17	Abhishek Kapoor	Fitoor	2016	Action, Comedy, Crime
18	Abhishek Kapoor	Rock On!!	2008	Action, Comedy, Crime
19	Abhishek Sharma	Tere Bin Laden: Dead Or Alive	2016	Action, Comedy, Crime
20	Aditya Chopra	Befikre	2016	Action, Comedy, Crime
21	Aditya Chopra	Mohabbatein	2000	Action, Comedy, Crime
22	Aditya Chopra	Rab Ne Bana Di Jodi	2008	Action, Comedy, Crime
23	Ahmed Khan	Lakeer - Forbidden Lines	2004	Action, Comedy, Crime
24	Ajay Bahl	B.A. Pass	2012	Action, Comedy, Crime
25	Ajay Devgn	Shivaay	2016	Action, Comedy, Crime
26	Ajay Devgn	U Me Aur Hum	2008	Action, Comedy, Crime
27	Akashdeep	Ghaath	2000	Action, Comedy, Crime
28	Akashdeep	Santa Banta Pvt Ltd	2016	Action, Comedy, Crime
29	Alankrita Shrivastava	Lipstick Under My Burkha	2016	Action, Comedy, Crime
...
1375	Vikram Bhatt	1920	2008	Action, Comedy, Crime
1376	Vikram Bhatt	Aetbaar	2004	Action, Comedy, Crime
1377	Vikram Bhatt	Bambai Ka Babu	1996	Action, Comedy, Crime
1378	Vikram Bhatt	Dangerous Ishhq	2012	Action, Comedy, Crime
1379	Vikram Bhatt	Fareb	1996	Action, Comedy, Crime
1380	Vikram Bhatt	Love Games	2016	Action, Comedy, Crime
1381	Vikram Bhatt	Raaz 3: The Third Dimension	2012	Action, Comedy, Crime
1382	Vikram Bhatt	Raaz Reboot	2016	Action, Comedy, Crime
1383	Vikram Veturi	Krishna Aur Kans	2012	Action, Comedy, Crime
1384	Vikramaditya Motwane	Trapped	2016	Action, Comedy, Crime
1385	Vimal Kumar	Chhote Sarkar	1996	Action, Comedy, Crime
1386	Vimal Kumar	Suno Sasurjee	2004	Action, Comedy, Crime
1387	Vinayak V.V.	Samba	2004	Action, Comedy, Crime
1388	Vinod Mukhi	Diary of a Butterfly	2012	Action, Comedy, Crime
1389	Vishal Mahadkar	Blood Money	2012	Action, Comedy, Crime
1390	Vishal Pandya	Wajah Tum Ho	2016	Action, Comedy, Crime
1391	Vishnupant Govind Damle	Sant Tukaram	1936	Action, Comedy, Crime
1392	Vivek Agnihotri	Buddha in a Traffic Jam	2016	Action, Comedy, Crime
1393	Vivek Agnihotri	Hate Story	2012	Action, Comedy, Crime
1394	Vivek Agnihotri	Junoonyat	2016	Action, Comedy, Crime
1395	Vivek Sharma	Bhoothnath	2008	Action, Comedy, Crime
1396	Y.V.S. Chowdary	Yuvaraju	2000	Action, Comedy, Crime
1397	Yash Chopra	Jab Tak Hai Jaan	2012	Action, Comedy, Crime
1398	Yash Chopra	Kabhie Kabhie	1976	Action, Comedy, Crime

	Name	title	year	Name
1399	Yash Chopra	Mashaal	1984	Action, Comedy, Crime
1400	Yash Chopra	Veer-Zaara	2004	Action, Comedy, Crime
1401	Yash Chopra	Vijay	1988	Action, Comedy, Crime
1402	Yogesh Ishwar	Aaghaaz	2000	Action, Comedy, Crime
1403	Yograj Bhat	Ranga S.S.L.C	2004	Action, Comedy, Crime
1404	Yûgô Sakô	The Prince of Light	2000	Action, Comedy, Crime

1405 rows × 4 columns

Question 2:

List the names of all the actors who played in the movie 'Anand' (1971)

In [32]:

```
pd.read_sql_query("select Name,Gender from Person where PID in \
                  (select PID from M_Cast where MID in (select MID from Movie where title = 'Anand'
                  ))",conn)
```

Out[32]:

	Name	Gender
0	Amitabh Bachchan	Male
1	Rajesh Khanna	Male
2	Sumita Sanyal	Female
3	Ramesh Deo	Male
4	Seema Deo	Female
5	Asit Kumar Sen	Male
6	Dev Kishan	Male
7	Atam Prakash	Male
8	Lalita Kumari	Female
9	Savita	Female
10	Brahm Bhardwaj	Male
11	Gurnam Singh	Male
12	Lalita Pawar	Female
13	Durga Khote	Female
14	Dara Singh	Male
15	Johnny Walker	Male
16	Moolchand	Male

Question 3:

List all the actors who acted in a film before 1970 and in a film after 1990. (That is: < 1970 and > 1990.)

In [8]:

```
pd.read_sql_query("select p.Name,m.title,m.year from Movie m , M_Director mc, Person p where m.MID
                  =mc.MID \
                  and mc.PID=p.PID and m.year NOT BETWEEN 1970 and 1990",conn)
```

Out[8]:

	Name	title	year
0	Andy Serkis	Mowgli	2018
1	Andy Serkis	Mowgli	2018
2	Gary Ross	Ocean's Eight	2018
3	Roar Uthaug	Tomb Raider	2018
4	Joss Whedon	The Avengers	2012
5	Rahi Anil Barve	Tumbbad	2018
6	Abhishek Kapoor	Kedarnath	2018
7	Abhishek Kapoor	Kedarnath	2018
8	Anthony Russo	Captain America: Civil War	2016
9	Sriram Raghavan	Andhadhun	2018
10	Garth Davis	Lion	2016
11	Leena Yadav	Rajma Chawal	2018
12	Leena Yadav	Rajma Chawal	2018
13	Dean Devlin	Geostorm	2017
14	Dean Devlin	Geostorm	2017
15	Danny Boyle	Slumdog Millionaire	2008
16	Roland Emmerich	2012	I 2009
17	Roland Emmerich	2012	I 2009
18	Milap Zaveri	Mastizaade	2016
19	Milap Zaveri	Mastizaade	2016
20	Nandita Das	Manto	2018
21	Nandita Das	Manto	2018
22	Ang Lee	Life of Pi	2012
23	Ang Lee	Life of Pi	2012
24	John Moore	A Good Day to Die Hard	2013
25	Chris Columbus	Pixels	2015
26	Chris Columbus	Pixels	2015
27	Amar Kaushik	Stree	2018
28	Amar Kaushik	Stree	2018
29	Vijay Krishna Acharya	Thugs of Hindostan	2018
...
4653	K.C. Bokadia	Phool Bane Angaarey	1991
4654	K.C. Bokadia	Phool Bane Angaarey	1991
4655	Tinnu Verma	Maa Tujhhe Salaam	2002
4656	Tinnu Verma	Maa Tujhhe Salaam	2002
4657	Raja Chanda	Le Halua Le	2012
4658	Deepak Ramteke	Shohrat the Trap	2018
4659	Srinivas Sunderrajan	The Untitled Kartik Krishnan Project	2010
4660	Srinivas Sunderrajan	The Untitled Kartik Krishnan Project	2010
4661	Kamika Verma	Dansh	2005
4662	Kodi Ramakrishna	Ram Raaj	2008
4663	Dhorairaj Bhagavan	Goa Dalli CID 999	1968
4664	Nasir Shaikh	Yeh Hai Malegaon Ka Superman	2009
4665	Mohan Babu	Military Officer	1998

	Name	title	year
4666	Mohan Babu	Military Officer	1998
4667	Abbas	Man on Mission Taqatwar	2005
4668	Abbas	Man on Mission Taqatwar	2005
4669	Kannan	Raasaiyya	1995
4670	Adrian Fulle	Finding Preet	2006
4671	Deepak Bahry	Ek Hi Raasta	1993
4672	Deepak Bahry	Ek Hi Raasta	1993
4673	Hamid Ali Khan	Mehndi	1998
4674	K.S. Prakash Rao	Raja Aur Rangeeli	1996
4675	Gulshan Kumar	Bewafa Sanam	1995
4676	Gulshan Kumar	Bewafa Sanam	1995
4677	K. Muralimohana Rao	Anari	1993
4678	Faisal Saif	Come December	2006
4679	Iqbal	Kala Jigar	1939
4680	Iqbal	Kala Jigar	1939
4681	Sushma Shiromani	Kanoon	1994
4682	Sushma Shiromani	Kanoon	1994

4683 rows × 3 columns

Question 4:

List all directors who directed 10 movies or more, in descending order of the number of movies they directed. Return the directors' names and the number of movies each of them directed.

In [67]:

```
pd.read_sql_query("select p.Name,count(*) as count from Person p, M_Director md on md.PID=p.PID group by\
                    p.PID,p.Name having count(*) > 10 order by count desc",conn)
```

Out[67]:

	Name	count
0	David Dhawan	39
1	David Dhawan	39
2	Mahesh Bhatt	35
3	Mahesh Bhatt	35
4	Priyadarshan	30
5	Ram Gopal Varma	30
6	Ram Gopal Varma	30
7	Vikram Bhatt	29
8	Vikram Bhatt	29
9	Hrishikesh Mukherjee	27
10	Hrishikesh Mukherjee	27
11	Yash Chopra	21
12	Yash Chopra	21

13	Basu Chatterjee	Name	Age
14	Basu Chatterjee		19
15	Shakti Samanta		19
16	Shakti Samanta		19
17	Subhash Ghai		18
18	Subhash Ghai		18
19	Shyam Benegal		17
20	Shyam Benegal		17
21	Abbas Alibhai Burmawalla		17
22	Abbas Alibhai Burmawalla		17
23	Rama Rao Tatineni		17
24	Manmohan Desai		16
25	Manmohan Desai		16
26	Gulzar		16
27	Gulzar		16
28	Raj N. Sippy		16
29	Raj N. Sippy		16
...
58	Guddu Dhanoa		12
59	Guddu Dhanoa		12
60	Prakash Jha		12
61	Prakash Jha		12
62	Satish Kaushik		12
63	Satish Kaushik		12
64	Nagesh Kukunoor		12
65	Nagesh Kukunoor		12
66	Prakash Mehra		12
67	Prakash Mehra		12
68	Umesh Mehra		12
69	Umesh Mehra		12
70	Anil Sharma		12
71	Anil Sharma		12
72	Madhur Bhandarkar		12
73	Madhur Bhandarkar		12
74	Rohit Shetty		12
75	Rohit Shetty		12
76	Pramod Chakravorty		11
77	Pramod Chakravorty		11
78	Sanjay Gupta		11
79	Sanjay Gupta		11
80	Nasir Hussain		11
81	Nasir Hussain		11
82	Ketan Mehta		11
83	Ketan Mehta		11
84	Govind Nihalani		11

85	Govind Nihalani	Name	count
86	Mohit Suri		11
87	Mohit Suri		11

88 rows × 2 columns

Question 5:

a. For each year, count the number of movies in that year that had only female actors.

In [14]:

```
pd.read_sql_query("select m.year,count(*) Movies_Cnt from Movie m where m.MID not in (select mc.MID from M_Cast mc inner join Person p on p.PID = mc.PID where p.Gender = 'Male') group by m.year order by m.year ASC",conn)
```

Out[14]:

	year	Movies_Cnt
0	1939	1
1	1999	1
2	2000	1
3	2009	1
4	2012	1
5	2018	2

b.Now include a small change: report for each year the percentage of movies in thatyear with only female actors, and the total number of movies made that year. For example, one answer will be: 1990 31.81 13522 meaning that in 1990 there were 13,522 movies, and 31.81% had only female actors. You do not need to round your answer.

In [16]:

```
pd.read_sql_query("select x.year, ((x.Movies_Cnt*100.0)/y.allMov) as Percent , y.allMov as 'tot_mov' from (select m.year,count(*) Movies_Cnt from Movie m where m.MID not in (select mc.MID from M_Cast mc inner join Person p on p.PID = mc.PID where p.Gender = 'Male') group by m.year) x inner join (select m.year as Year, Count(*) allMov from Movie as m group by m.year) y on x.year = y.year",conn)
```

Out[16]:

	year	Percent	tot_mov
0	1939	50.000000	2
1	1999	1.515152	66
2	2000	1.562500	64
3	2009	0.909091	110
4	2012	0.900901	111
5	2018	1.923077	104

Question 6:

Find the film(s) with the largest cast. Return the movie title and the size of the cast. By "cast size" we mean the number of distinct actors that played in that movie: if an actor played

multiple roles, or if it simply occurs multiple times in casts, we still count her/him only

once.

In [63]:

```
pd.read_sql_query("select m.title,count(distinct(mc.PID)) as cast_size from Movie m join M_Cast mc
on mc.MID = m.MID\
                group by m.MID order by cast_size desc limit 1",conn)
```

Out[63]:

	title	cast_size
0	Ocean's Eight	238

Question 7:

A decade is a sequence of 10 consecutive years. For example, say in your database you have

movie information starting from 1965. Then the first decade is 1965, 1966, ..., 1974; the

second one is 1967, 1968, ..., 1976 and so on. Find the decade D with the largest number of

films and the total number of films in D.

In [64]:

```
pd.read_sql_query("select d.year as start, d.year+9 as end, count(*)\
                as num_movies from (select distinct year from Movie) d \
                join Movie m on m.year>=start and m.year<= end \
                group by end order by num_movies desc\
                limit 1",conn)
```

Out[64]:

	start	end	num_movies
0	2008	2017	1205

Question 8:

Find the actors that were never unemployed for more than 3 years at a stretch. (Assume

that the actors remain unemployed between two consecutive movies).

In [9]:

```
pd.read_sql_query("select PID,Name from Person where PID not in (select distinct(PID) from M_Cast
as c1 natural join Movie as m1 where exists(select MID from M_Cast as c2 natural join Movie as m2
where c1.PID=c2.PID and (m2.year-3)> m1.year and not exists (select MID from M_Cast as c3 natural
join Movie as m3 where c1.PID=c3.PID and m1.year<m3.year and m3.year<m2.year)))",conn)
```

Out[9]:

	PID	Name
0	nm0000288	Christian Bale
1	nm0000949	Cate Blanchett
2	nm1212722	Benedict Cumberbatch
3	nm0365140	Naomie Harris
4	nm0785227	Andv Serkis

	PID	Name
5	nm0611932	Peter Mullan
6	nm2930503	Jack Reynor
7	nm0550371	Eddie Marsan
8	nm0390903	Tom Hollander
9	nm0722629	Matthew Rhys
10	nm2951768	Freida Pinto
11	nm4575116	Rohan Chand
12	nm10302065	Keveshan Pillay
13	nm6162831	Louis Ashbourne Serkis
14	nm10302066	Moonsamy Narasigadu
15	nm10302067	Soobrie Govender
16	nm10302068	Gopal Singh
17	nm10302069	Kista Munsami
18	nm10302070	Mahomed Araf Cassim
19	nm5151595	Riaz Mansoor
20	nm10302071	Roshan Jayesh Patel
21	nm10302072	T'khai Phillips
22	nm10302073	Sachin Soni
23	nm10302074	Hridhay Somera
24	nm10302075	Ethaniel Jaden Moonsamy
25	nm10302076	Gareth Ryan Benjamin
26	nm10302077	Nirvayesh Chakravorty Thanendra
27	nm10302078	Adiyan Ahmed Choudhury
28	nm10302079	Amara Motala
29	nm10302080	Diyara Prakash
...
38255	nm0712994	Sandip Ray
38256	nm0007161	S.V. Krishna Reddy
38257	nm0783585	R.K. Selvamani
38258	nm2490004	Amma Rajasekhar
38259	nm1687944	Rahat Kazmi
38260	nm3262424	Rohit Gupta
38261	nm1948254	Bela Negi
38262	nm2833607	Sanjay Talreja
38263	nm1574172	Rajatesh Nayyar
38264	nm0619763	Murali Nair
38265	nm3359416	Pryas Gupta
38266	nm5676626	Shivamani
38267	nm0667393	Oliver Paulus
38268	nm2737088	Vishal Inamdar
38269	nm0787511	Kumar Shahani
38270	nm0906413	Ka-Fai Wai
38271	nm2333111	Avtandil Varsimashvili
38272	nm1421451	G. Ram Prasad
38273	nm4110102	Raja Chanda

	PID	Name
38274	nm8558636	Deepak Ramteke
38275	nm2606304	Srinivas Sunderrajan
38276	nm2182643	Kamika Verma
38277	nm1029114	Dhorairaj Bhagavan
38278	nm3769883	Nasir Shaikh
38279	nm0007806	Abbas
38280	nm1470989	Kannan
38281	nm0298158	Adrian Fulle
38282	nm0474806	Gulshan Kumar
38283	nm0066829	Iqbal
38284	nm1421793	Sushma Shiromani

38285 rows × 2 columns

Question 9:

Find all the actors that made more movies with Yash Chopra than any other director.

In [7]:

```
pd.read_sql_query("select Director, Actor, Count(*) as Movies_with_YashChopra from(select p1.Name as Director, m1.title as Movie from Person p1 Inner Join M_Director md on TRIM(md.PID)=p1.PID Inner Join Movie m1 on TRIM(md.MID)=m1.MID and p1.Name LIKE 'Yash%' Group By p1.Name, m1.title) t1 Inner Join (select p2.Name as Actor,m2.title as Movie from Person p2 Inner Join M_Cast mc on TRIM(mc.PID)=p2.PID Inner Join Movie m2 on TRIM(mc.MID)=m2.MID Group By p2.Name, m2.title) t2 on t1.Movie=t2.Movie Group By t1.Director, t2.Actor Order By Movies_with_YashChopra DESC",conn)
```

Out [7]:

	Director	Actor	Movies_with_YashChopra
0	Yash Chopra	Jagdish Raj	11
1	Yash Chopra	Manmohan Krishna	10
2	Yash Chopra	Manmohan Krishna	10
3	Yash Chopra	Iftekhar	9
4	Yash Chopra	Madan Puri	8
5	Yash Chopra	Vikas Anand	8
6	Yash Chopra	Anupam Kher	7
7	Yash Chopra	Shashi Kapoor	7
8	Yash Chopra	Anupam Kher	7
9	Yash Chopra	Shashi Kapoor	7
10	Yash Chopra	Amitabh Bachchan	6
11	Yash Chopra	Rakhee Gulzar	5
12	Yash Chopra	Waheeda Rehman	5
13	Yash Chopra	Achala Sachdev	4
14	Yash Chopra	Deven Verma	4
15	Yash Chopra	Hema Malini	4
16	Yash Chopra	Neetu Singh	4
17	Yash Chopra	Ravikant	4
18	Yash Chopra	Rishi Kapoor	4
19	Yash Chopra	Shah Rukh Khan	4

20	Yash Chopra	Deven Verma	Movies_with_YashChopra
21	Yash Chopra	Hema Malini	4
22	Yash Chopra	Rishi Kapoor	4
23	Yash Chopra	A.K. Hangal	3
24	Yash Chopra	Anil Kapoor	3
25	Yash Chopra	Annu Kapoor	3
26	Yash Chopra	Leela Chitnis	3
27	Yash Chopra	Mohan Sherry	3
28	Yash Chopra	Parikshat Sahni	3
29	Yash Chopra	Prem Chopra	3
...
484	Yash Chopra	Uttam Sodi	1
485	Yash Chopra	Varun Thajur	1
486	Yash Chopra	Varun Thakur	1
487	Yash Chopra	Varun Vardhan	1
488	Yash Chopra	Vic Waghorn	1
489	Yash Chopra	Vicky Ahuja	1
490	Yash Chopra	Vicky K. Foster	1
491	Yash Chopra	Vinay Sharma	1
492	Yash Chopra	Vinita Sharma	1
493	Yash Chopra	Vinod Negi	1
494	Yash Chopra	Vinod Raut	1
495	Yash Chopra	Virat Raj Gupta	1
496	Yash Chopra	Vishal Om Prakash	1
497	Yash Chopra	Yashodra Katju	1
498	Yash Chopra	Yasin Khan	1
499	Yash Chopra	Zohra Sehgal	1
500	Yash Chopra	Aamir Khan	1
501	Yash Chopra	Arjun Sablok	1
502	Yash Chopra	Aziz Mirza	1
503	Yash Chopra	Dev Anand	1
504	Yash Chopra	Feroz Khan	1
505	Yash Chopra	Mehmood	1
506	Yash Chopra	Puneet Issar	1
507	Yash Chopra	Raman Kumar	1
508	Yash Chopra	Rani Mukerji	1
509	Yash Chopra	Romesh Sharma	1
510	Yash Chopra	Sachin	1
511	Yash Chopra	Sajid Khan	1
512	Yash Chopra	Sunny Deol	1
513	Yash Chopra	Tinnu Verma	1

514 rows × 3 columns

Question 10:

The Shahrukh number of an actor is the length of the shortest path between the actor and Shahrukh Khan in the "co-acting" graph. That is, Shahrukh Khan has Shahrukh number 0; all actors who acted in the same film as Shahrukh have Shahrukh number 1; all actors who acted in the same film as some actor with Shahrukh number 1 have Shahrukh number 2, etc.

Return all actors whose Shahrukh number is 2.

In [10]:

```
pd.read_sql_query("select Name from person where trim(Name) LIKE '%shah rukh khan%',conn)
```

Out[10]:

	Name
0	Shah Rukh Khan

In [77]:

```
#pd.read_sql_query("select Name from Person where PID in (select PID from M_Cast where MID in (select MID from M_Cast where PID in (select PID from Person where trim(Name) = 'Shah Rukh Khan')))",conn)
```

In [25]:

```
pd.read_sql_query("select p.Name,m.title from Person p inner join M_Cast mc on p.PID=mc.PID inner join Movie m \n on m.MID = mc.MID where title in (select title from Movie where MID in (select MID from M_Cast where PID in (select PID from Person where trim(Name) = 'Shah Rukh Khan')) and trim(Name) like 'Shah rukh%' and not Name =' Shah Rukh Khan'",conn)
```

Out[25]:

Name	title
------	-------

There is noone with name Shahrukh whose acting alongside Shah Rukh Khan in the same film.

There is only one Shahrukh Ansari but he didn't work with Shah Rukh Khan.