



Practical Activity 1

Simple Table Queries (15 marks)

Important Notes:

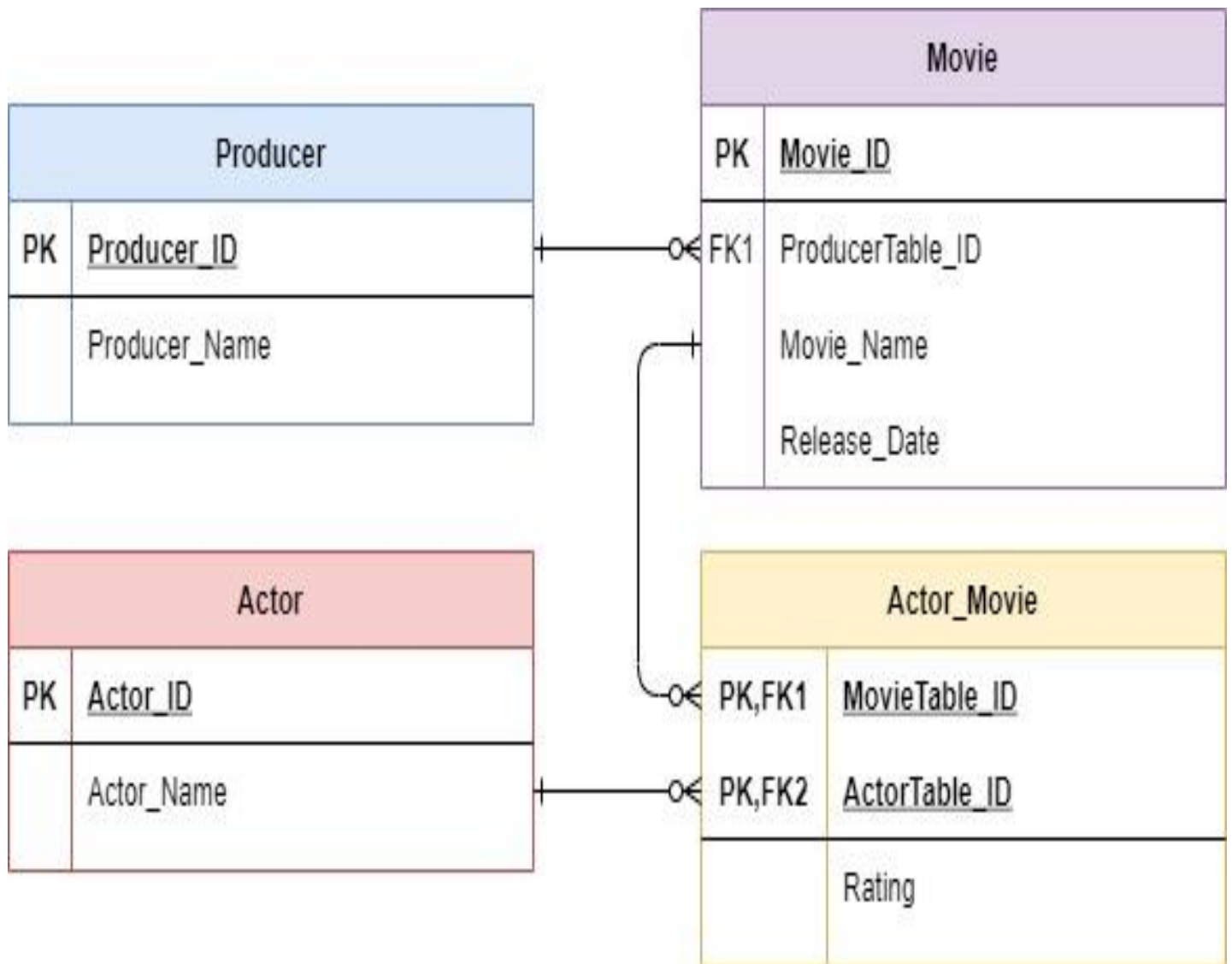
- Make use that you log into the PC as .user
- Make sure that you log in SQL Server Management Studio under “Windows Authentication” mode
- All homework should be uploaded to ClickUP before the designated cutoff time.
- Homework is marked in class - SQL scripts are what is marked
- Scripts which run and perform what they are supposed to do get full marks
- Scripts which do not run will be marked on their own merit.
- For additional assistance, please refer to <https://www.w3schools.com/sql/>


CONTEXT:

Databases are used in all spheres of life including the movie industry. Many movie fanatics enjoy reviewing the movies which they have watched, your friend heard you are good with databases and asked you to draw up a database to store all the data. You are required to create a DB to keep track of the multiple actors, the different producers, and the ratings and movies starring the different actors within each producing company.

Queries – myMovies

1. Extend what you have been introduced to in the lecture slides as well as the SQL example file and **create a database named “myMovies”**. **[3]**
 2. You will need the following **tables**: **[6]**
 - 2.1. **Actor**
 - 2.2. **Producer**
 - 2.3. **Movie** (*Please note – you will have to create the Movie table after the Producer table. You cannot use an object before you created an object.*)
 - 2.4. **Actor_Movie** (*Please note – you will have to create Actor_Movie last and you will have to insert data into the table last. You cannot use an object before you created an object.*)
 3. Insert records into the tables that you have created. **[6]**
 - 3.1. Actor – Populate actor names: Leonardo DiCaprio, Jenna Ortega, Chris Evans, Ryan Gosling and Robert Downey Jr
 - 3.2. Producer >> James Cameron, *Greg Berlanti*, Jeffrey Ford, *Lynn Harris* and *Stan Lee*
 - 3.3. Movie >> Movie names: Titanic, You, Captain America: The first Avenger, The Notebook and Iron Man 3
Movie release dates: 20 Dec 1997, 09 Sep 2018, 19 July 2011, 25 June 2004, 01 March 2013
 - 3.4. Actor_Movie >> Insert ratings from range of 1-10. (This table should be created after the Actor table and will have references from the Actor table)
- TOTAL [15]**



	RUBRIC Practical Activity 1 (____ / 15 marks)	
Student NR	Surname	Initials

MARK ALLOCATED FOR	OBTAINED	MAX
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1.	CREATE THE DATABASE myMovies (If Exists etc)		3
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2.	Create table		(6)
2.1.	Actor Table (1 PK, one attribute)		1
2.2.	Producer Table (1 PK, one attribute)		1
2.3.	Movie Table (1 PK, 1 FK, two attribute)		1
3.4	Actor_Movie Table (1PK, 1FK, one attribute)		3

3	INSERT RECORD		(6)
3.1	Actor names populated		1
3.2	Movie release dates populated		1
3.3	Producer names populated		1
3.4	FKs referenced to create records		3

	TOTAL		15
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