DATABASE MANAGEMENT SYSTEMS

PROJECT PART 3

Group 20:

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“On my honor, as a Mississippi State University student, I have neither given nor received unauthorized assistance on this academic work.”

CSE-4503 - Database Management Systems

Class Section 01

Leann M. Markham

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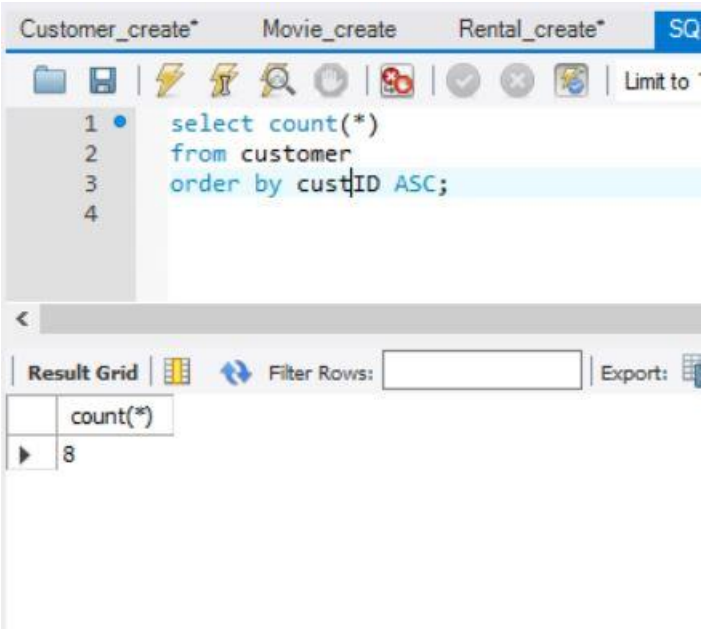
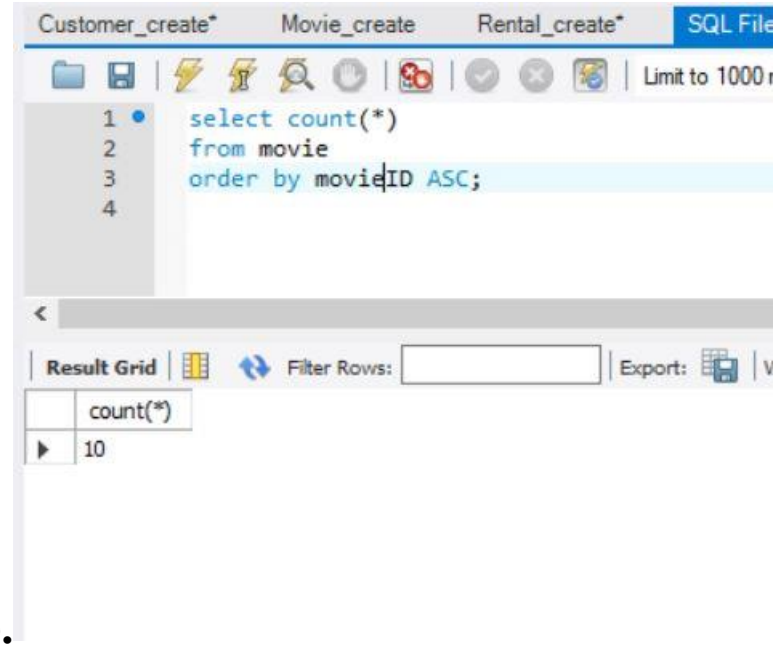
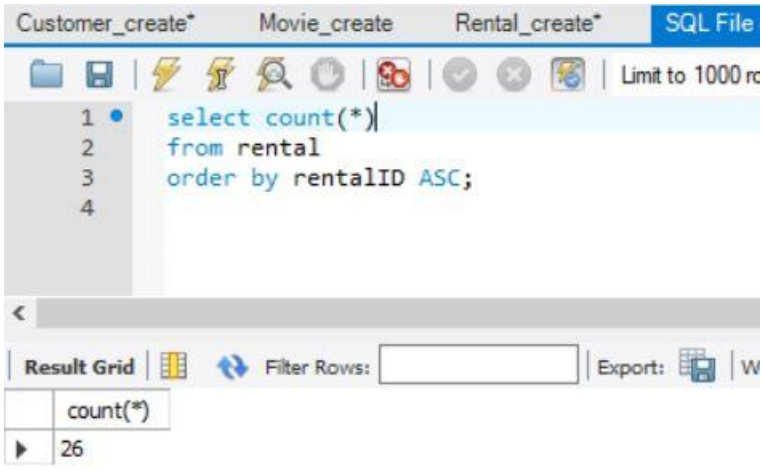
1. Script and Output

a.



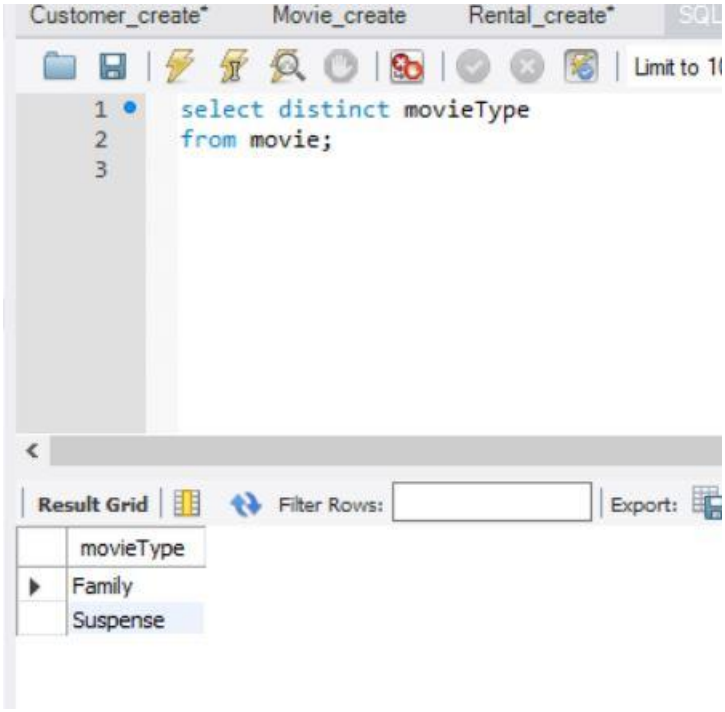
b.



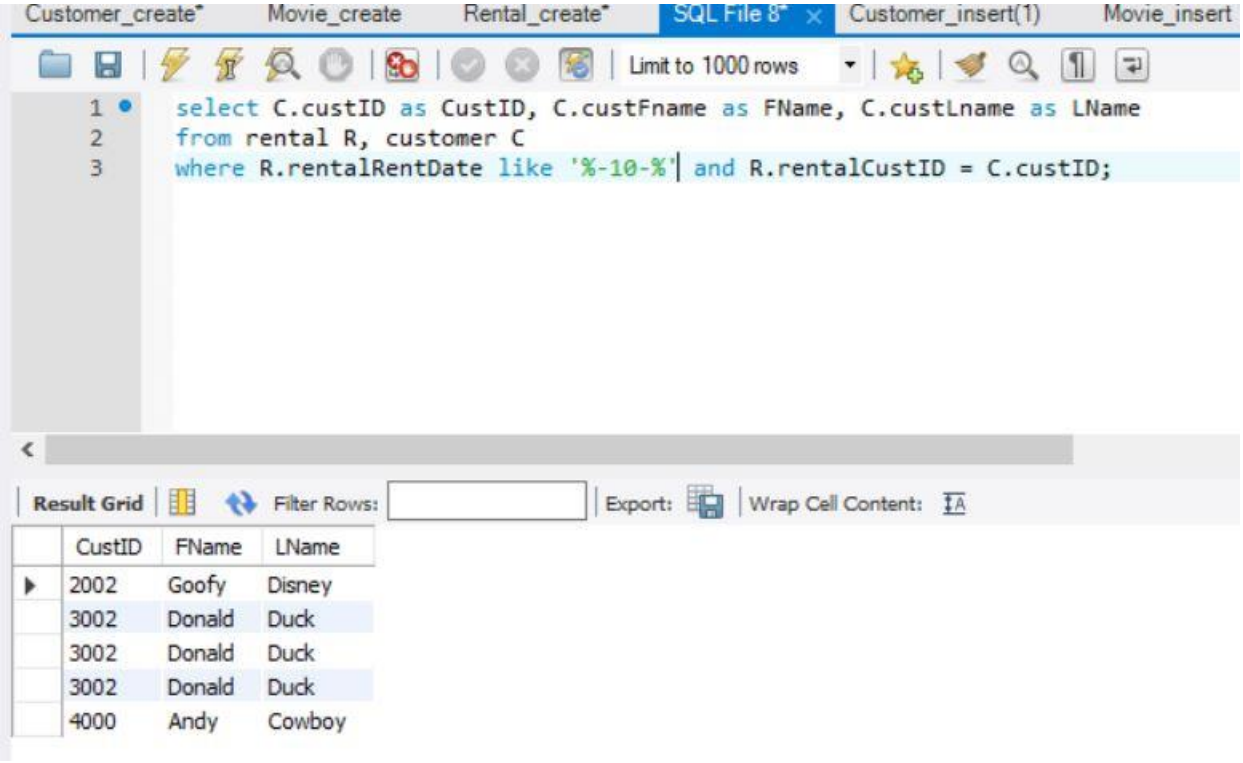


c.

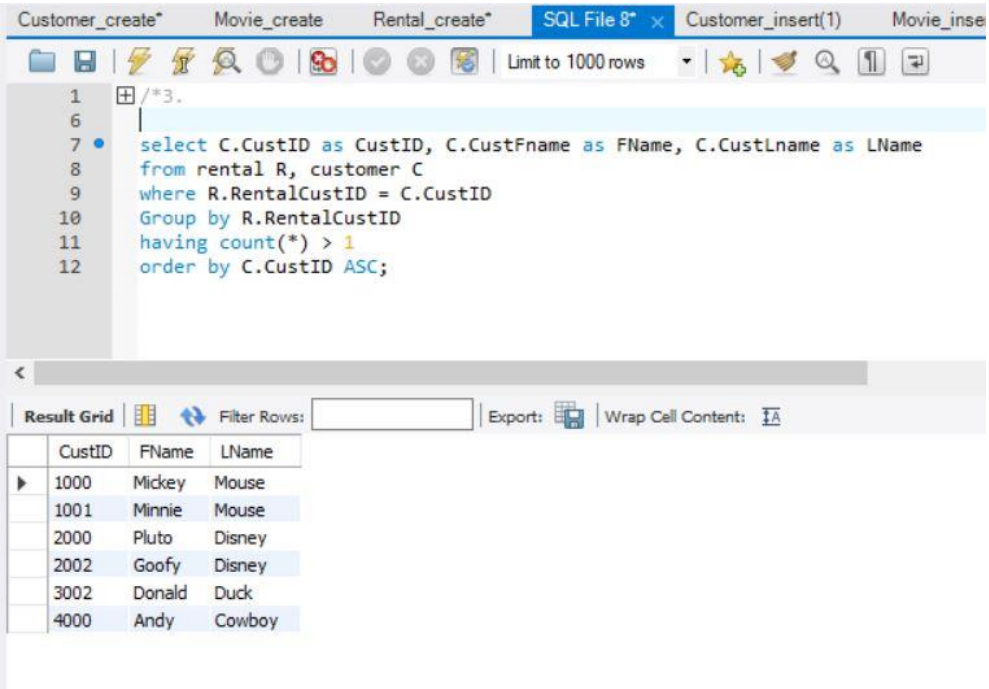
2. Script and Output



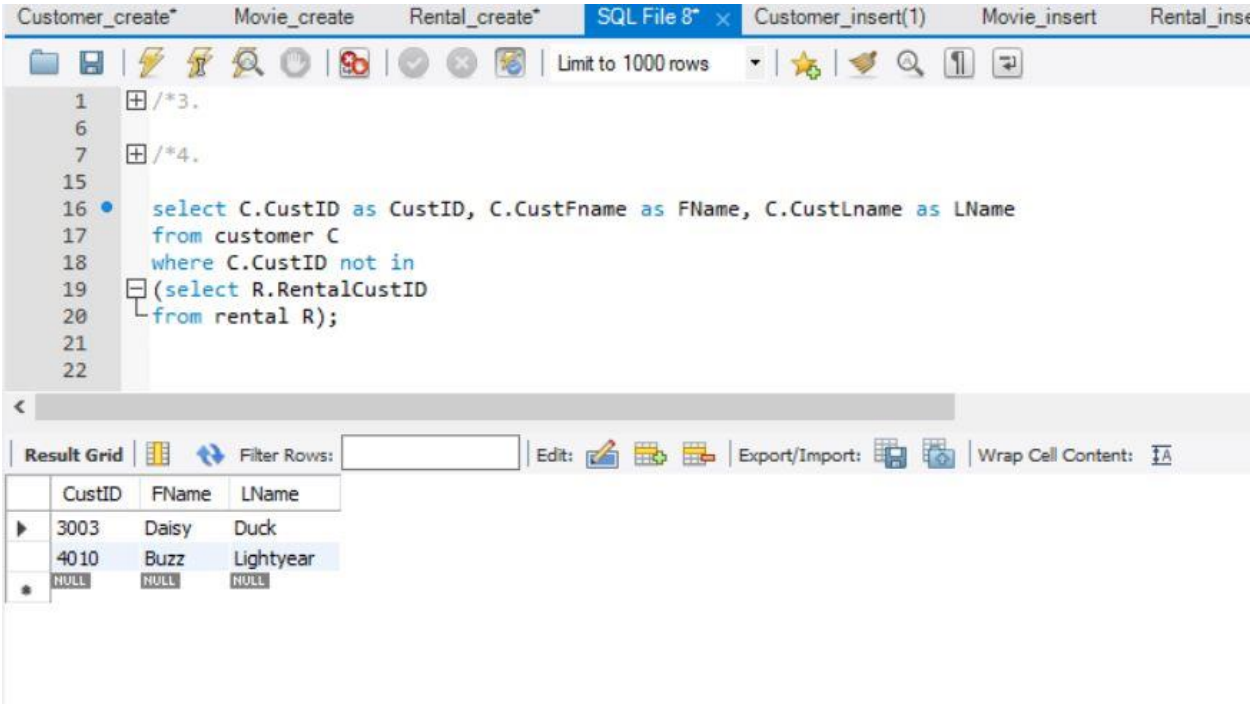
3. Script and Output



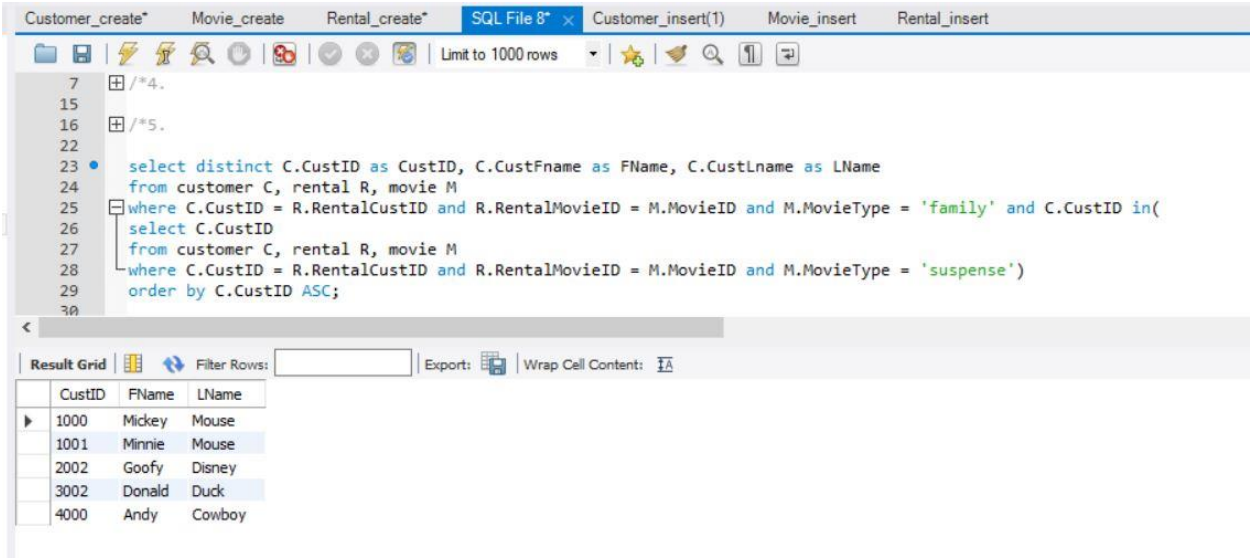
4. Script and Output



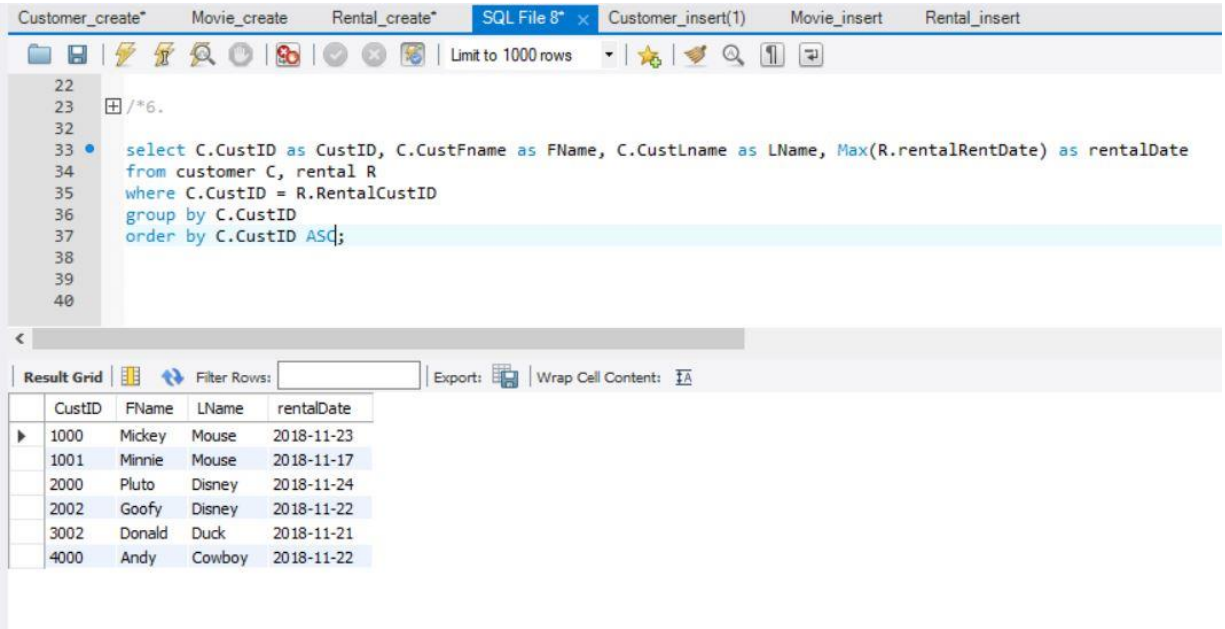
5. Script and Output



6. Script and Output



7. Script and Output



CustID	FName	LName	rentalDate
1000	Mickey	Mouse	2018-11-23
1001	Minnie	Mouse	2018-11-17
2000	Pluto	Disney	2018-11-24
2002	Goofy	Disney	2018-11-22
3002	Donald	Duck	2018-11-21
4000	Andy	Cowboy	2018-11-22

8. Script

```
select distinct C.CustID as CustID, C.CustFname as FName, C.CustLname as LName, M.movieName as Movie
from customer C, rental R, movie M
Where C.CustID = R.RentalCustID and R.RentalMovieID = M.MovieID
order by CustID ASC;
```

8. Output

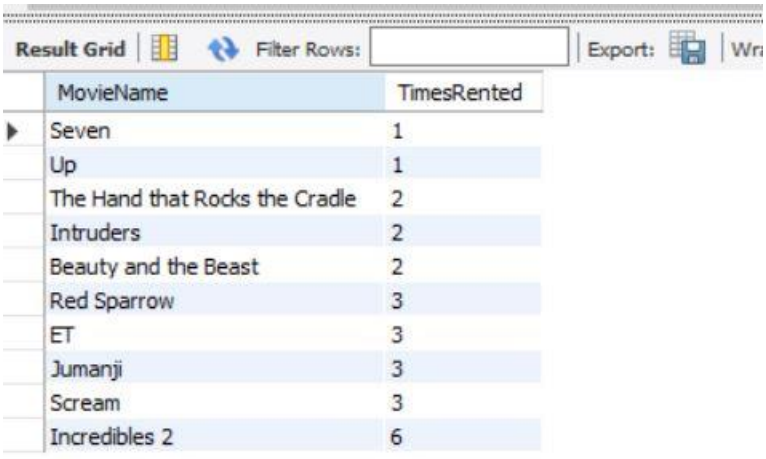
CustID	FName	LName	Movie
1000	Mickey	Mouse	Intruders
1000	Mickey	Mouse	Red Sparrow
1000	Mickey	Mouse	Jumanji
1000	Mickey	Mouse	Incredibles 2
1001	Minnie	Mouse	Up
1001	Minnie	Mouse	Beauty and the Beast
1001	Minnie	Mouse	Scream
1001	Minnie	Mouse	Seven
2000	Pluto	Disney	ET
2000	Pluto	Disney	Jumanji
2002	Goofy	Disney	Incredibles 2
2002	Goofy	Disney	The Hand that Rocks...
3002	Donald	Duck	Red Sparrow
3002	Donald	Duck	Incredibles 2
3002	Donald	Duck	Beauty and the Beast
3002	Donald	Duck	Scream
3002	Donald	Duck	ET
3002	Donald	Duck	Jumanji
3002	Donald	Duck	The Hand that Rocks...
4000	Andy	Cowboy	Incredibles 2
4000	Andy	Cowboy	Intruders
4000	Andy	Cowboy	Red Sparrow

9. Shows how many times a particular movie was rented to determine popularity.

Script

```
select distinct M.MovieName as MovieName, count(RentalMovieID) as TimesRented
from movie M, rental R
where M.MovieID = R.RentalMovieID
group by M.MovieName
order by TimesRented ASC;
```

Output



MovieName	TimesRented
Seven	1
Up	1
The Hand that Rocks the Cradle	2
Intruders	2
Beauty and the Beast	2
Red Sparrow	3
ET	3
Jumanji	3
Scream	3
Incredibles 2	6

REFERENCES

Found “order by … ASC” command from: **https://www.geeksforgeeks.org/sql-order-by/**