Assignment 3

L1F19BSCS0549

**-- Q1**

select movie.MName,mtype.TName from movie inner join movie\_type inner join mtype where movie.MovieID=movie\_type.MovieID and movie\_type.TypeID=mtype.TypeID and movie.MName in (select movie.MName from movie where year(movie.Realease\_Date) >= '2000' and year (movie.Realease\_Date) <='2017');

**-- Q2**

select movie.MName,customer.CName from movie inner join screen\_movie inner join booking inner join customer on movie.MovieID=screen\_movie.MovieID and screen\_movie.Screen\_Movie\_ID=booking.Screen\_Movie\_ID and booking.CID=customer.CID and booking.No\_of\_Seats>5;

**-- Q3**

select staff.SName from movie inner join screen\_movie inner join booking inner join staff where movie.MovieID=screen\_movie.MovieID and screen\_movie.Screen\_Movie\_ID=booking.Screen\_Movie\_ID and booking.SID=staff.SID and movie.MName='Logan' and staff.SDesignation='Ticket Issuer';

**-- Q4**

select movie.MName from movie natural join movie\_type natural join mtype where mtype.TName ='2D' and mtype.TName='3D';

**-- Q5**

select movie.MName,staff.SName from movie inner join screen\_movie inner join booking inner join staff on movie.MovieID=screen\_movie.MovieID and screen\_movie.Screen\_Movie\_ID=booking.Screen\_Movie\_ID and booking.SID=staff.SID and staff.SDesignation='Ticket Issuer' ;

**-- Q6**

select movie.MName,category.CatName from movie inner join movie\_category right outer join category on movie.MovieID=movie\_category.MovieID and category.CatID= movie\_category.CatID;

**-- q7**

select movie.MName,customer.CName from movie inner join screen\_movie inner join booking right outer join customer on movie.MovieID=screen\_movie.MovieID and screen\_movie.Screen\_Movie\_ID=booking.Screen\_Movie\_ID and customer.CID=booking.CID;

**-- q8**

select movie.MName,count(booking.No\_of\_Seats) from movie inner join screen\_movie inner join booking on movie.MovieID=screen\_movie.MovieID and screen\_movie.Screen\_Movie\_ID=booking.Screen\_Movie\_ID ;

**-- q9**

select category.CatName, count(movie.MName) as numberOfmovies from movie inner join movie\_category right outer join category on movie.MovieID=movie\_category.MovieID and category.CatID= movie\_category.CatID group by category.CatID;

**-- q10**

-- select movie.MName,movie.play\_time from movie where movie.play\_time >120 and movie.MovieID in (select MovieID from category or select )

**-- q11**

select Sname from staff where staff.SAddress='kharian' and staff.SID not in(select booking.SID from booking);

**-- q12**

select category.CatID from category where category.CatID not in (select category.CatID from category inner join movie\_category on category.CatID= movie\_category.CatID ) ;

**-- q13**

select s.MName from movie as a where a.MovieID in(select movie.MovieID from movie where movie.MovieID <> a.MovieID and movie.Realease\_Date=a.Realease\_Date ) ;