DATABASE MANAGEMENT SYSTEM (CS310)
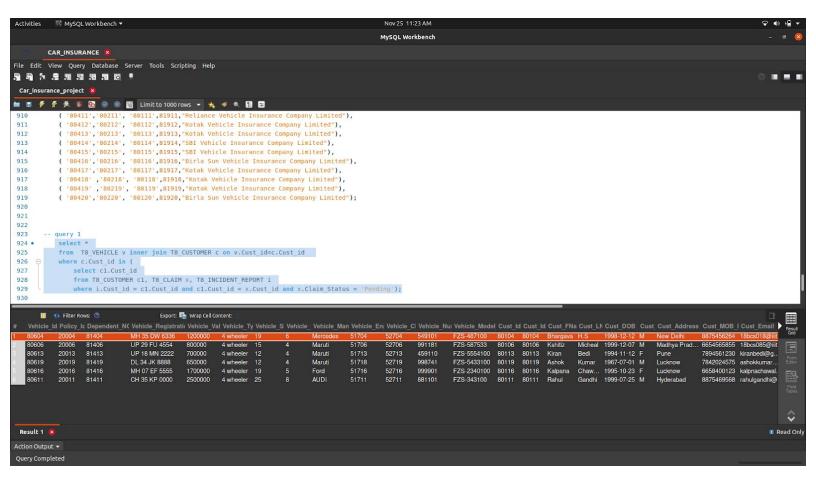
PROJECT TITLE -

Database design on Car vehicle insurance company

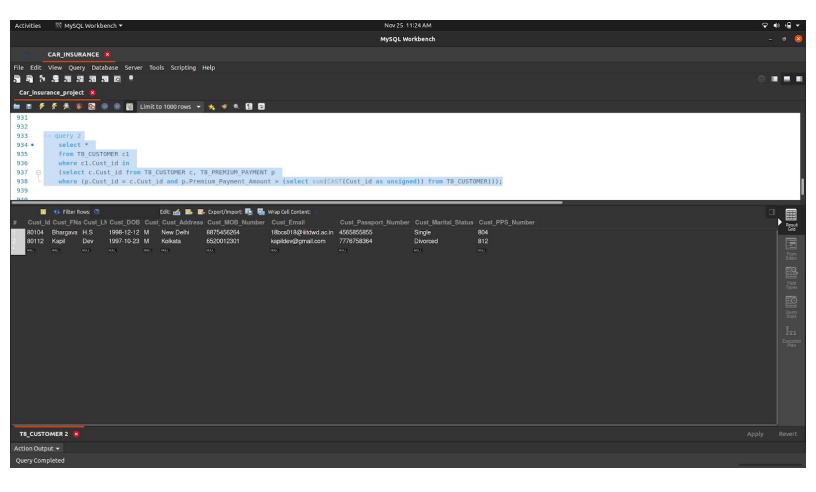## Under the Guidance of -

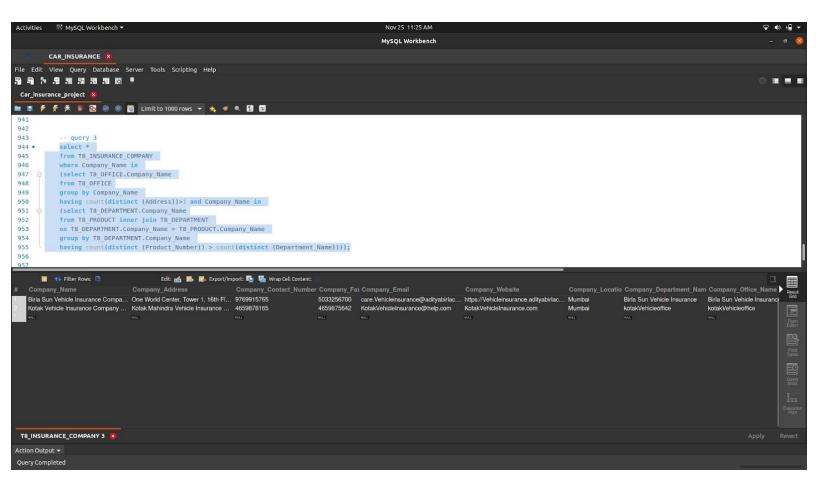Dr.Uma s
Ms. Supriya Nadiger

GROUP MEMBERS

ADVAY AGGARWAL (18BCS002)
AKASH KUMAR (18BCS003)
ANIRUDDHA MUJUMDAR (18BCS005)
BHARGAVA H.S (18BCS018)
JAGRUT NEMADE (18BCS034)
KSHITIZ MICHAEL (18BCS042)
AKARSH MAURYA (18BCS051)
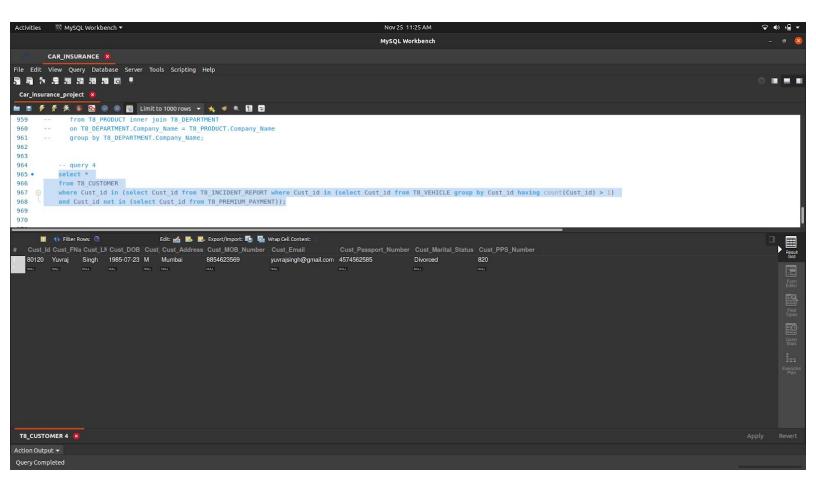MITHIL GANESH ANCHAN (18BCS054)
UDIT PAL (18BCS107)

```
910        ( '80411','80211', '80111',81911,"Reliance Vehicle Insurance Company Limited"),
911        ( '80412','80212', '80112',81912,"Kotak Vehicle Insurance Company Limited"),
912        ( '80413','80213', '80113',81913,"Kotak Vehicle Insurance Company Limited"),
913        ( '80414','80214', '80114',81914,"SBI Vehicle Insurance Company Limited"),
914        ( '80415','80215', '80115',81915,"SBI Vehicle Insurance Company Limited"),
915        ( '80416','80216', '80116',81916,"Birla Sun Vehicle Insurance Company Limited"),
916        ( '80417','80217', '80117',81917,"Kotak Vehicle Insurance Company Limited"),
917        ( '80418' ,'80218', '80118',81918,"Kotak Vehicle Insurance Company Limited"),
918        ( '80419' ,'80219', '80119',81919,"Kotak Vehicle Insurance Company Limited"),
919        ( '80420','80220', '80120',81920,"Birla Sun Vehicle Insurance Company Limited");
920
921
922
923    -- query 1
924 •     select *
925      from  T8_VEHICLE v inner join T8_CUSTOMER c on v.Cust_id=c.Cust_id
926      where c.Cust_id in (
927          select c1.Cust_id
928          from T8_CUSTOMER c1, T8_CLAIM x, T8_INCIDENT_REPORT i
929          where i.Cust_id = c1.Cust_id and c1.Cust_id = x.Cust_id and x.Claim_Status = 'Pending');
930
```

#	Vehicle_Id	Policy_Ic	Dependent_NC	Vehicle_Registrati	Vehicle_Val	Vehicle_Ty	Vehicle_S	Vehicle_	Vehicle_Man	Vehicle_En	Vehicle_Cl	Vehicle_Nu	Vehicle_Model	Cust_Id	Cust_Id	Cust_FNa	Cust_LN	Cust_DOB	Cust	Cust_Address	Cust_MOB_I	Cust_Email
1	80604	20004	81404	MH 35 DW 6336	1200000	4 wheeler	19	6	Mercedes	51704	52704	549101	FZS-487100	80104	80104	Bhargava	H.S	1998-12-12	M	New Delhi	8875456264	18bcs018@iiit
2	80606	20006	81406	UP 29 FU 4554	800000	4 wheeler	15	4	Maruti	51706	52706	991181	FZS-587533	80106	80106	Kshitiz	Micheal	1999-12-07	M	Madhya Prad...	6654565855	18bcs085@iiit
3	80613	20013	81413	UP 18 MN 2222	700000	4 wheeler	12	4	Maruti	51713	52713	459110	FZS-5554100	80113	80113	Kiran	Bedi	1994-11-12	F	Pune	7894561230	kiranbedi@g...
4	80619	20019	81419	DL 34 JK 8888	650000	4 wheeler	12	4	Maruti	51718	52719	998741	FZS-5433100	80119	80119	Ashok	Kumar	1967-07-01	M	Lucknow	7842024575	ashokkumar...
5	80616	20016	81416	MH 07 EF 5555	1700000	4 wheeler	19	5	Ford	51716	52716	999901	FZS-2340100	80116	80116	Kalpana	Chaw...	1995-10-23	F	Lucknow	6658400123	kalpnachawal..
6	80611	20011	81411	CH 35 KP 0000	2500000	4 wheeler	25	8	AUDI	51711	52711	881101	FZS-343100	80111	80111	Rahul	Gandhi	1999-07-25	M	Hyderabad	8875469568	rahulgandhi@

Result 1

Action Output ▾

Query Completed

select *
from T8_VEHICLE v inner join T8_CUSTOMER c on v.Cust_id = c.Cust_id
where c.Cust_id in (
          select c1.Cust_id
          from T8_CUSTOMER c1, T8_CLAIM x, T8_INCIDENT_REPORT i
          where i.Cust_id = c1.Cust_id and c1.Cust_id =   x.Cust_id and
          x.Claim_Status='Pending');

MySQL Workbench

CAR_INSURANCE ✕

File Edit View Query Database Server Tools Scripting Help

Car_insurance_project ✕

Limit to 1000 rows ▾

```
931
932
933   -- query 2
934 •    select *
935      from T8_CUSTOMER c1
936      where c1.Cust_id in
937      (select c.Cust_id from T8_CUSTOMER c, T8_PREMIUM_PAYMENT p
938      where (p.Cust_id = c.Cust_id and p.Premium_Payment_Amount > (select sum(CAST(Cust_id as unsigned)) from T8_CUSTOMER)));
939
940
```

Filter Rows: Edit: Export/Import: Wrap Cell Content:

#	Cust_Id	Cust_FNa	Cust_LN	Cust_DOB	Cust	Cust_Address	Cust_MOB_Number	Cust_Email	Cust_Passport_Number	Cust_Marital_Status	Cust_PPS_Number
1	80104	Bhargava	H.S	1998-12-12	M	New Delhi	8875456264	18bcs018@iiitdwd.ac.in	4565855855	Single	804
2	80112	Kapil	Dev	1997-10-23	M	Kolkata	6520012301	kapildev@gmail.com	7776758364	Divorced	812
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

T8_CUSTOMER 2 ✕   Apply   Revert

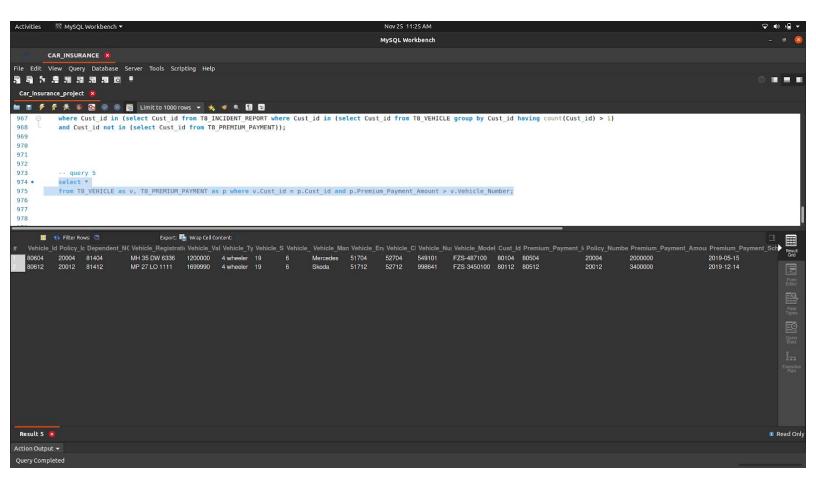Action Output ▾

Query Completed

select *
from T8_CUSTOMER c1
where c1.Cust_id in
(select c.Cust_id from T8_CUSTOMER c, T8_PREMIUM_PAYMENT p
where (p.Cust_id = c.Cust_id and p.Premium_Payment_Amount > (select
sum(CAST(Cust_id as unsigned)) from T8_CUSTOMER)));

```
select *
from T8_INSURANCE_COMPANY
where Company_Name in
(select T8_OFFICE.Company_Name
from T8_OFFICE
group by Company_Name
having count(distinct(Address))>1 and Company_Name in
(select T8_DEPARTMENT.Company_Name
from T8_PRODUCT inner join T8_DEPARTMENT
on T8_DEPARTMENT.Company_Name =  T8_PRODUCT.Company_Name
group by T8_DEPARTMENT.Company_Name
having count(distinct(Product_Number)) > count(distinct(Department_Name))));
```
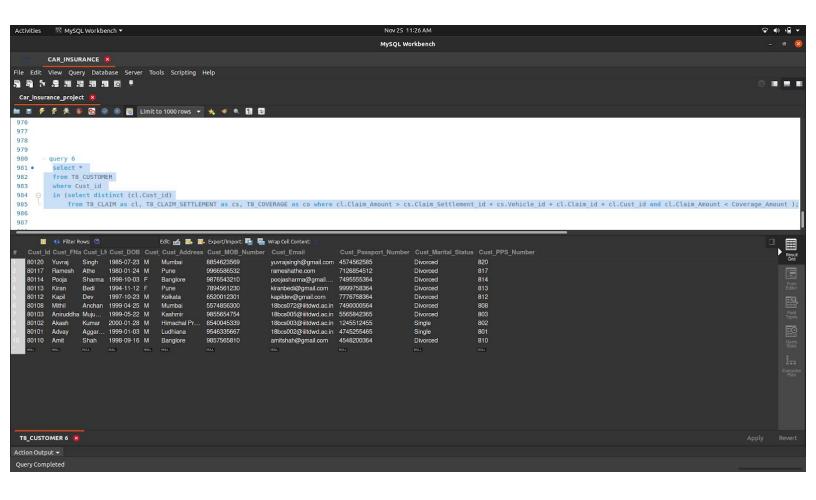
```
select *
from T8_CUSTOMER
where Cust_id in (select Cust_id from T8_INCIDENT_REPORT where Cust_id in
(select Cust_id from T8_VEHICLE group by Cust_id having count(Cust_id) > 1)
and Cust_id not in (Select Cust_id from T8_PREMIUM_PAYMENT));
```

CAR_INSURANCE ✕

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Car_insurance_project ✕

Limit to 1000 rows ▾

```
967   where Cust_id in (select Cust_id from T8_INCIDENT_REPORT where Cust_id in (select Cust_id from T8_VEHICLE group by Cust_id having count(Cust_id) > 1)
968   and Cust_id not in (select Cust_id from T8_PREMIUM_PAYMENT));
969
970
971
972
973   -- query 5
974 • select *
975   from T8_VEHICLE as v, T8_PREMIUM_PAYMENT as p where v.Cust_id = p.Cust_id and p.Premium_Payment_Amount > v.Vehicle_Number;
976
977
978
```

Filter Rows: Export: Wrap Cell Content:

#	Vehicle_Id	Policy_Ic	Dependent_NC	Vehicle_Registrati	Vehicle_Val	Vehicle_Ty	Vehicle_S	Vehicle_	Vehicle_Man	Vehicle_En	Vehicle_C	Vehicle_Nu	Vehicle_Model	Cust_Id	Premium_Payment_I	Policy_Numbe	Premium_Payment_Amou	Premium_Payment_Sch
1	80604	20004	81404	MH 35 DW 6336	1200000	4 wheeler	19	6	Mercedes	51704	52704	549101	FZS-487100	80104	80504	20004	2000000	2019-05-15
2	80612	20012	81412	MP 27 LO 1111	1699990	4 wheeler	19	6	Skoda	51712	52712	998641	FZS-3450100	80112	80512	20012	3400000	2019-12-14

Result 5 ✕   Read Only

Action Output ▾

Query Completed

select *
from T8_VEHICLE as v, T8_PREMIUM_PAYMNET as p where v.Cust_id =
p.Cust_id and p.Premium_Payment_Amount > v.Vehicle_Number;

MySQL Workbench

CAR_INSURANCE ✕

File Edit View Query Database Server Tools Scripting Help

Car_insurance_project ✕

Limit to 1000 rows ▾

```
976
977
978
979
980    query 6
981 •   select *
982     from T8_CUSTOMER
983     where Cust_id
984     in (select distinct (cl.Cust_id)
985        from T8_CLAIM as cl, T8_CLAIM_SETTLEMENT as cs, T8_COVERAGE as co where cl.Claim_Amount > cs.Claim_Settlement_id + cs.Vehicle_id + cl.Claim_id + cl.Cust_id and cl.Claim_Amount < Coverage_Amount );
986
987
```

Filter Rows: Edit: Export/Import: Wrap Cell Content:

#	Cust_Id	Cust_FNa	Cust_LN	Cust_DOB	Cust_	Cust_Address	Cust_MOB_Number	Cust_Email	Cust_Passport_Number	Cust_Marital_Status	Cust_PPS_Number
1	80120	Yuvraj	Singh	1985-07-23	M	Mumbai	8854623569	yuvrajsingh@gmail.com	4574562585	Divorced	820
2	80117	Ramesh	Athe	1980-01-24	M	Pune	9966586532	rameshathe.com	7126854512	Divorced	817
3	80114	Pooja	Sharma	1998-10-03	F	Banglore	9876543210	poojasharma@gmail....	7495555364	Divorced	814
4	80113	Kiran	Bedi	1994-11-12	F	Pune	7894561230	kiranbedi@gmail.com	9999758364	Divorced	813
5	80112	Kapil	Dev	1997-10-23	M	Kolkata	6520012301	kapildev@gmail.com	7776758364	Divorced	812
6	80108	Mithil	Anchan	1999-04-25	M	Mumbai	5574856300	18bcs072@iiitdwd.ac.in	7490000564	Divorced	808
7	80103	Aniruddha	Muju...	1999-05-22	M	Kashmir	9855654754	18bcs005@iiitdwd.ac.in	5565842365	Divorced	803
8	80102	Akash	Kumar	2000-01-28	M	Himachal Pr...	8540045339	18bcs003@iiitdwd.ac.in	1245512455	Single	802
9	80101	Advay	Aggar...	1999-01-03	M	Ludhiana	9546335667	18bcs002@iiitdwd.ac.in	4745255465	Single	801
10	80110	Amit	Shah	1998-09-16	M	Banglore	9857565810	amitshah@gmail.com	4548200364	Divorced	810
	NULL	NULL	NULL	NULL	NULL	NULL		NULL		NULL	NULL

Result Grid Form Editor Field Types Query Stats Execution Plan

T8_CUSTOMER 6 ✕   Apply Revert

Action Output ▾

Query Completed

select*
from T8_CUSTOMER
where Cust_id
in (select distinct(c1.Cust_id)
from T8_CLAIM as c1, T8_CLAIM_SETTLEMENT as cs, T8_COVERAGE as c0
where c1.Claim_Amount > cs.Claim_Settlement_id + cs.Vehicle_id + c1.Claim_id
+ c1.Cust_id and c1.Claim_Amount < Coverage_Amount);