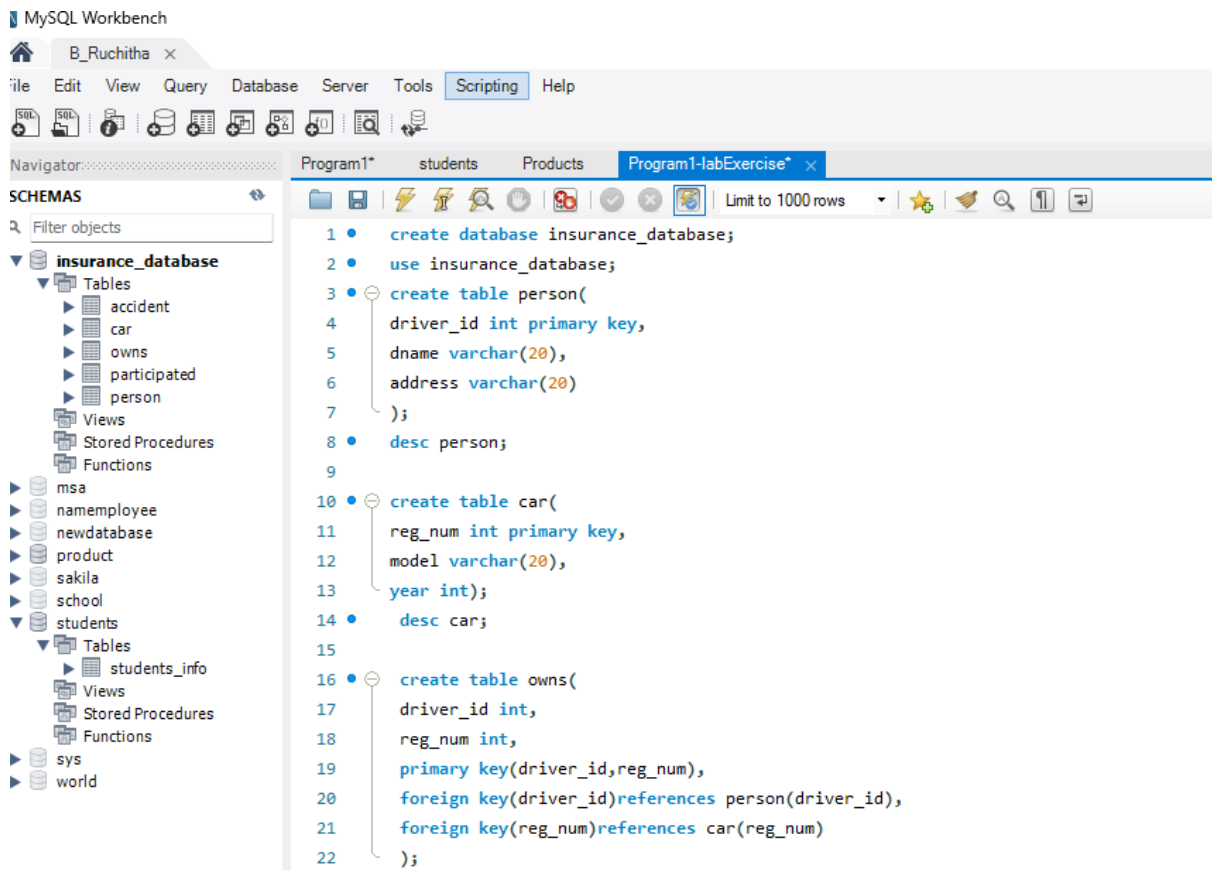


DBMS LAB

Name : B Ruchitha

Date: 25/9/25

INSURANCE DATABASE



The screenshot displays the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a tree view of databases, with 'insurance_database' expanded to show its tables: 'accident', 'car', 'owns', 'participated', and 'person'. The main editor window, titled 'Program1-labExercise*', contains SQL code for creating the database and tables. The code is as follows:

```
1 • create database insurance_database;
2 • use insurance_database;
3 • create table person(
4     driver_id int primary key,
5     dname varchar(20),
6     address varchar(20)
7 );
8 • desc person;
9
10 • create table car(
11     reg_num int primary key,
12     model varchar(20),
13     year int);
14 • desc car;
15
16 • create table owns(
17     driver_id int,
18     reg_num int,
19     primary key(driver_id,reg_num),
20     foreign key(driver_id)references person(driver_id),
21     foreign key(reg_num)references car(reg_num)
22 );
```

```

create table accident(
report_num int primary key,
accident_date date,
location varchar(20)
);
desc accident;

```

```

create table participated(
driver_id int,
reg_num int,
report_num int,
damage_ammount int,
primary key(driver_id,reg_num,report_num),
foreign key(driver_id)references person(driver_id),
foreign key(reg_num)references car(reg_num),
foreign key(report_num)references accident(report_num)
);

```

```

desc participated;

```

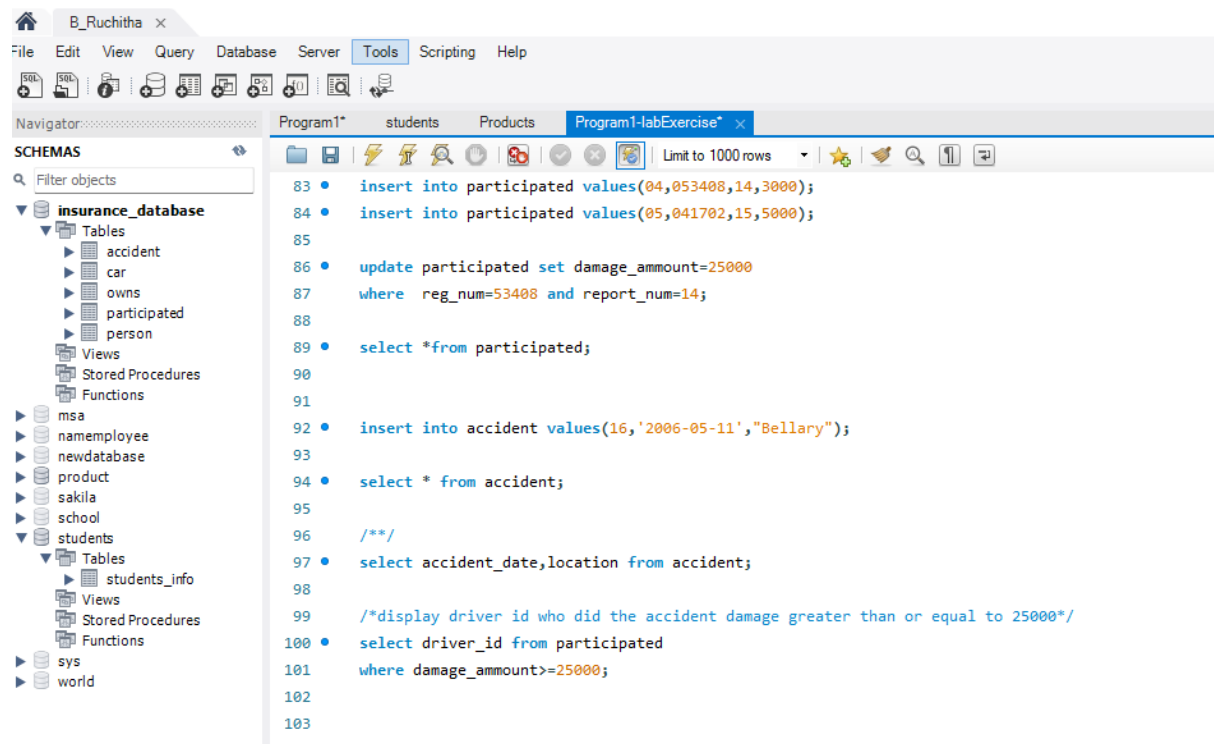
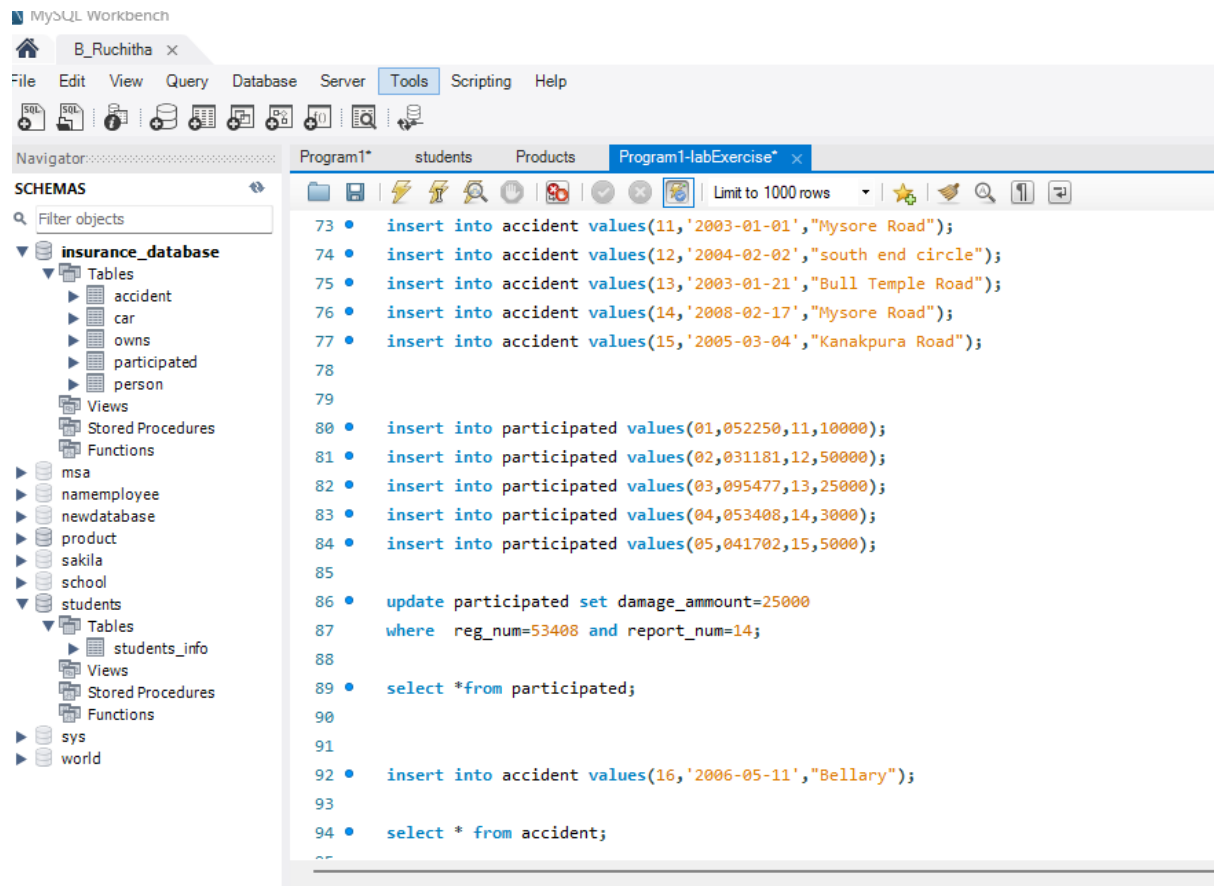
The screenshot shows the MySQL Workbench interface. On the left, the 'SCHEMAS' pane displays a tree view of databases, including 'insurance_database' which contains tables 'accident', 'car', 'owns', 'participated', and 'person'. The main editor window, titled 'Program1-labExercise', contains a series of SQL queries for inserting data into these tables. The queries are as follows:




```



52 • insert into person values(02,"Pradeep","Rajaji nagar");
53 • insert into person values(03,"smith","Ashok nagar");
54 • insert into person values(04,"venu","N R Colony");
55 • insert into person values(05,"jhon","Hanumanth nagar");
56
57
58
59 • insert into car values(052250,"Indica",1990);
60 • insert into car values(031181,"Lancer",1957);
61 • insert into car values(095477,"Toyato",1998);
62 • insert into car values(053408,"Honda",2008);
63 • insert into car values(041702,"Audi",2005);
64
65
66 • insert into owns values(01,052250);
67 • insert into owns values(02,031181);
68 • insert into owns values(03,095477);
69 • insert into owns values(04,053408);
70 • insert into owns values(05,041702);
71
72
73 • insert into accident values(11,'2003-01-01',"Mysore Road");




```




The bottom status bar indicates the 'Result Grid' is active, and the 'Filter Rows' button is visible.






Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 						
	Field	Type	Null	Key	Default	Extra
▶	driver_id	int	NO	PRI	NULL	
	dname	varchar(20)	YES		NULL	
	address	varchar(20)	YES		NULL	

Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Conter						
	Field	Type	Null	Key	Default	Extra
▶	reg_num	int	NO	PRI	NULL	
	model	varchar(20)	YES		NULL	
	year	int	YES		NULL	

Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 						
	Field	Type	Null	Key	Default	Extra
▶	driver_id	int	NO	PRI	NULL	
	reg_num	int	NO	PRI	NULL	

Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 						
	Field	Type	Null	Key	Default	Extra
▶	report_num	int	NO	PRI	NULL	
	accident_date	date	YES		NULL	
	location	varchar(20)	YES		NULL	

Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 						
	Field	Type	Null	Key	Default	Extra
▶	driver_id	int	NO	PRI	NULL	
	reg_num	int	NO	PRI	NULL	
	report_num	int	NO	PRI	NULL	
	damage_ammount	int	YES		NULL	

Result Grid			
		Filter Rows:	
Edit:			
	driver_id	dname	address
▶	1	Richard	Srinivas nagar
	2	Pradeep	Rajaji nagar
	3	smith	Ashok nagar
	4	venu	N R Colony
	5	jhon	Hanumanth nagar
*	NULL	NULL	NULL

Result Grid			
		Filter Rows:	
Edit:			
	reg_num	model	year
▶	31181	Lancer	1957
	41702	Audi	2005
	52250	Indica	1990
	53408	Honda	2008
	95477	Toyato	1998
*	NULL	NULL	NULL

Result Grid		
		Filter Rows:
Edit:		
	driver_id	reg_num
▶	2	31181
	5	41702
	1	52250
	4	53408
	3	95477
*	NULL	NULL

Result Grid			
	report_num	accident_date	location
▶	11	2003-01-01	Mysore Road
	12	2004-02-02	south end circle
	13	2003-01-21	Bull Temple Road
	14	2008-02-17	Mysore Road
	15	2005-03-04	Kanakpura Road
	16	2006-05-11	Bellary
✱	NULL	NULL	NULL

Result Grid				
	driver_id	reg_num	report_num	damage_ammount
▶	1	52250	11	10000
	2	31181	12	50000
	3	95477	13	25000
	4	53408	14	25000
	5	41702	15	5000
✱	NULL	NULL	NULL	NULL

```

99      /*display driver id who did the accident damage greater than or equal to 25000*/
100 •   select driver_id from participated
101      where damage_ammount>=25000;
102
103


```

Result Grid	
	driver_id
	2
	3
	4

```
97 • select accident_date,location from accident;
```

```
98
```

```
99      /*display driver id who did the accident damage greater than or equal to 25000*/
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	accident_date	location
	2003-01-01	Mysore Road
	2004-02-02	south end circle
	2003-01-21	Bull Temple Road
	2008-02-17	Mysore Road
	2005-03-04	Kanakpura Road
	2006-05-11	Bellary

ccident 25 x