1)Table : Driver:

create table driver( driver\_id varchar2(6) primary key, driver\_name varchar2(20), address varchar2(30) ) ;

Table : Car ;

create table car(

Reg\_no varchar2(10) primary key,

car\_model varchar2(20),

YearOfPurchase date ) ;

Table : Accident;

create table accident(

Report\_no varchar2(10) primary key, dateofaccident date, location varchar2(30) ) ;

Table : Car\_Owner ;

create table car\_owner( driver\_id references driver(driver\_Id), reg\_no references car(reg\_no) ) ;

Table : Participated

create table participated( driver\_id references driver(driver\_Id), report\_no references accident(report\_no), damage\_amount number(9,2) );

To the table Driver :

insert into driver values ('D1','Amar','Tumkur');

To the table Car :

insert into car values ('KAO6-7000','Toyota','1-jan-2007'); insert

To the table Accident :

insert into accident values ('R101','16-jul-2009','Tumkur');

To the table Car\_Owner :

insert into car\_owner values ('D1','KAO6-7000'); insert

To the table Participated :

insert into participated values ('D1','R101',15000);

SQL1 > select driver\_name,address, car\_model, yearofpurchase

from driver,car,car\_owner

where car\_owner.driver\_id = driver.driver\_id

and car\_owner.reg\_no = car.reg\_no

and driver\_name = 'Amar'

SQL2 > select driver\_name, car\_model, yearofpurchase, dateofaccident, location

from driver,car,car\_owner, accident, participated where car\_owner.driver\_id = driver.driver\_id and car\_owner.reg\_no = car.reg\_no and participated.report\_no = accident.report\_no and participated.driver\_id = driver.driver\_Id and location = 'Tumkur'

SQL3 > select driver\_name, count(driver\_name) as NoofAccidents from participated, driver

where participated.driver\_id = driver.driver\_id

and driver\_name = 'Amar'

group by driver\_name

SQL 4> select driver\_name, car\_model,dateofaccident, damage\_amount, location from driver,car,car\_owner, accident, participated where car\_owner.driver\_id = driver.driver\_id and car\_owner.reg\_no = car.reg\_no and participated.report\_no = accident.report\_no

and participated.driver\_id = driver.driver\_Id

and damage\_amount > 25000

SQL5 > select location, count(location) as NoofAccidents from participated, accident

where participated.report\_no = accident.report\_no

group by location

having count(location) > 1

SQL6 > select to\_char(dateofaccident,'yyyy') as yearofaccident, count(to\_char(dateofaccident,'yyyy')) as noofpeople from accident where to\_char(dateofaccident,'yyyy') = 2009 group by to\_char(dateofaccident,'yyyy')

SQL7 > select car\_model, count(car\_model) as noofaccidents from car, accident, participated, driver, car\_owner where participated.report\_no = accident.report\_no and car\_owner.driver\_id = driver.driver\_id and car\_owner.reg\_no = car.reg\_no and participated.driver\_id = driver.driver\_Id

and car\_model = 'Maruthi'

group by car\_model