CREATE TABLE

booking (

booking\_no VARCHAR(50) NOT NULL,

pickup\_from VARCHAR(50) NOT NULL,

drop\_at VARCHAR(50) NOT NULL,

customer\_id VARCHAR(50) NOT NULL,

vehicle\_no VARCHAR(20) NOT NULL,

driver\_id VARCHAR(50) NOT NULL,

fare DECIMAL(7,2) NOT NULL,

PRIMARY KEY(booking\_no),

FOREIGN KEY(customer\_id) REFERENCES customer(id),

FOREIGN KEY(vehicle\_no) REFERENCES car(vehicle\_no),

FOREIGN KEY(driver\_id) REFERENCES driver(id)

);

insert into booking values(1011,'Calcutta','Delhi',1001,1,200,10000)

insert into booking values(1012,'Calcutta','Bombay',1001,2,200,10000)

insert into booking values(1013,'Delhi','Bombay',1001,1,200,10000)

insert into booking values(1014,'Calcutta','Bombay',1001,2,200,10000)

insert into booking values(1015,'Delhi','Bombay',1001,1,200,10000)

insert into booking values(1016,'Calcutta','Delhi',1001,1,200,10000)

insert into booking values(1017,'Calcutta','Delhi',1001,3,200,10000)

Create table Customer (id varchar(50) primary key ,

user\_name varchar(50),

city varchar(20))

insert into CUstomer values(1001,'Deepak','Delhi')

insert into CUstomer values(1002,'Ajay','Delhi')

insert into CUstomer values(1003,'Deepak','Delhi')

create table car (vehicle\_no varchar(20) primary key,vehicle\_model

varchar(20),

vehicle\_type varchar(20), vehicle\_color varchar(20))

insert into car values(1,'Maruti','A','Red')

insert into car values(2,'Toyoya','B','Green')

insert into car values(3,'Suzuki','A','Yellow')

update car set vehicle\_type='C' where vehicle\_model='Suzuki'

create table driver(id varchar(50)primary key,

driver\_name varchar(20),

gender varchar(50), age int)

insert into driver values(200,'Harry','Male',29)

insert into driver values(201,'Arry','Male',29)

insert into driver values(202,'Rry','Male',29)

create table city\_locations

(city1 varchar(50),

city2 varchar(50),

distance int)

select \* from city\_locations

insert into city\_locations values('Delhi','Bombay',900)

insert into city\_locations values('Calcutta','Bombay',200)

select a.vehicle\_model , a.vehicle\_type , sum(c.distance) AS "Total Distance"

from car a join booking b on

a.vehicle\_no = b.vehicle\_no

join city\_locations c on b.pickup\_from = c.city1

AND b.drop\_at = c.city2

group by a.vehicle\_model, a.vehicle\_type

order by "Total Distance"

select \* from booking

select \*

update booking set drop\_at ='Bombay' where

booking\_no IN(100,1011,1016,1017,104)

SELECT a.booking\_no,b.user\_name,c.driver\_name,a.pickup\_form,a.drop\_at,d.distance

FROM booking a

JOIN customer b

ON a.customer\_id=b.id

JOIN driver c

ON a.driver\_id=c.id

JOIN city\_location d

ON a.pickup\_from=d.city1 AND a.drop\_at=d.city2

WHERE UPPER(c.driver\_name)="Joe Amal"

ORDER BY d.distance;

Update Query

update b

set fare = (select distance\*11 from city\_locations

where city1 =b.pickup\_from AND city2 = b.drop\_at)

from booking b

select

a.vehicle\_model,a.vehicle\_type,sum(c.distance)total\_distance

From car a

Join booking b

On

a.vehicle\_no=b.vehicle\_no

Join city\_locations c

b.pickup\_from=c.city1

b.drop\_at=c.city2

Group by

a.vehicle\_model,b.vehicle\_type

Order by total\_distance

select a.player\_city,count(a.player\_id) NUMBER\_OF\_PLAYERS

from t\_player a

join t\_match\_score\_card b on

a.player\_id = b.player\_id

join t\_match\_record c on

c.match\_id = b.match\_id

WHERE a.player\_city NOT IN(Select played\_city from t\_match\_record)

--and c.played\_city!=a.player\_city

group by a.player\_city

order by NUMBER\_OF\_PLAYERS,a.player\_city;