CREATE TABLE information(

b\_no VARCHAR(15),

manufacturer VARCHAR(50),

contact\_no VARCHAR(15),

bus\_type varchar(50),

air\_conditioner varchar(5),

offers varchar(15),

reviews varchar(50),

ratings varchar(10),

price FLOAT(20),

PRIMARY KEY (b\_no)

);

INSERT INTO `information` (`b\_no`, `manufacturer`, `contact\_no`, `bus\_type`, `air\_conditioner`, `offers`, `reviews`, `ratings`) VALUES ('1214', 'MAHENDRA', '9843009984', 'seater', 'yes', '2%', 'Good', '4.1');

CREATE TABLE enq\_info(

b\_no VARCHAR(15),

u\_id INT(10),

trav\_hist VARCHAR(50),

FOREIGN KEY (b\_no) REFERENCES information(b\_no),

FOREIGN KEY (u\_id) REFERENCES uclient(u\_id)

);

CREATE TABLE route(

b\_no VARCHAR(15),

b\_from VARCHAR(50),

b\_to VARCHAR(50),

FOREIGN KEY (b\_no) REFERENCES information(b\_no)

);

CREATE TABLE timing(

b\_no VARCHAR(15),

a\_timing VARCHAR(50),

d\_timing VARCHAR(50),

FOREIGN KEY (b\_no) REFERENCES information(b\_no)

);

CREATE TABLE sleeper(

b\_no VARCHAR(15),

no\_of\_sleepers INT(10),

reviews VARCHAR(50),

FOREIGN KEY (b\_no) REFERENCES information(b\_no)

);

CREATE TABLE seater(

b\_no VARCHAR(15),

no\_of\_seaters INT(10),

reviews VARCHAR(50),

FOREIGN KEY (b\_no) REFERENCES information(b\_no)

);

INSERT INTO `uclient` (`u\_id`, `u\_name`, `u\_email`, `u\_password`) VALUES ('251', 'GS', 'gs@gmail.com', 'gsgp');

QUERIES:

1. SELECT b\_no,trav\_hist,b\_from,b\_to FROM `enq\_info` NATURAL JOIN `route` WHERE u\_id='1340';
2. SELECT b\_no,trav\_hist FROM `enq\_info` WHERE u\_id='1340';

BUS NO Using Destination and arrival

SELECT b\_no FROM `route` NATURAL JOIN `timing` WHERE b\_from ="Coimbatore" AND b\_to = "Chennai" AND a\_timing="05:00";

Bus with rating > 4.5

SELECT \* FROM `information` WHERE ratings>4.5;

CONTACT NUMBER OF BUS FROM ONE PLACE TO OTHER

SELECT contact\_no FROM `information` NATURAL JOIN `route` WHERE b\_from = "Coimbatore" AND b\_to = "Chennai";

CONTACT NUMBER OF BUS FROM ONE PLACE TO OTHER with TIMING

SELECT b\_no,contact\_no FROM `information` NATURAL JOIN `route` NATURAL JOIN `timing` WHERE b\_from = "Coimbatore" AND b\_to = "Chennai" AND a\_timing="05:00";

SHOW AVALIABLE SEATS IN SLEEPER

SELECT no\_of\_sleepers FROM `sleeper` WHERE b\_no = "1213";

SHOW AVALIABLE SEATS IN SLEEPER

SELECT no\_of\_seaters FROM `seater` WHERE b\_no = "1214";

BUSES AVALIABLE FROM A PARTICULAR LOCATION

SELECT \* FROM `route` WHERE b\_from = "Coimbatore";