CREATE AND INSERT SQL QUERIES

/\*\*\*\*\*\*\*\*\*\*\*\*\* CODE \*\*\*\*\*\*\*\*\*/

create database project;

use project;

/\*\*\*\*\*\*\*\*\*\*\*\*\* USER TABLE \*\*\*\*\*\*\*\*\*\*\*\*\*/

create table user (

user\_id int,

first\_name varchar(50),

last\_name varchar(50),

aadhar\_no varchar(20),

gender char,

age int,

mobile\_no varchar(50),

email varchar(50),

city varchar(50),

state varchar(50),

pincode varchar(20),

password varchar(50),

security\_ques varchar(50),

security\_ans varchar(50),

primary key(user\_id)

);

/\*\*\*\*\*\*\*\*\*\*\*\* TRAIN TABLE \*\*\*\*\*\*\*\*\*\*\*\*\*/

create table TRAIN (

train\_no int primary key,

train\_name varchar(50),

arrival\_time time,

departure\_time time,

availability\_of\_seats char,

date date

);

/\*\*\*\*\*\*\*\*\*\* STATION TABLE \*\*\*\*\*\*\*\*\*\*\*\*/

create table STATION(

station\_no int ,

name varchar(50),

hault int,

arrival\_time time,

train\_no int,

primary key(station\_no,train\_no),

constraint foreign key(train\_no)

references TRAIN (train\_no)

);

/\*\*\*\*\*\*\*\*\*\*\*\* TRAIN STATUS TABLE \*\*\*\*\*\*\*\*\*\*\*\*/

create table TRAIN\_STATUS (

train\_no int primary key,

b\_seatsl int,

b\_seats2 int,

a\_seatsl int,

a\_seats2 int,

w\_seatsl int,

w\_seats2 int,

farel float,

fare2 float

);

/\*\*\*\*\*\*\*\*\*\* TICKET TABLE \*\*\*\*\*\*\*\*\*\*\*\*/

create table TICKET(

id int primary key,

user\_id int,

status char,

no\_of\_passengers int,

train\_no int,

constraint foreign key(user\_id) references

USER(user\_id),

constraint foreign key(train\_no) references TRAIN(train\_no)

);

/\*\*\*\*\*\*\*\*\* PASSENGERS TABLE \*\*\*\*\*\*\*\*/

create table PASSENGERS(

passenger\_id int primary key,

pnr\_no int,

age int,

gender char,

user\_id int,

reservation\_status char,

seat\_number varchar(5),

name varchar(50),

ticket\_id int,

constraint foreign key(user\_id) references USER(user\_id),

constraint foreign key(ticket\_id) references

TICKET(id)

);

/\*\*\*\*\*\*\*\* STARTS TABLE \*\*\*\*\*\*\*\*\*/

create table STARTS(

train\_no int primary key,

station\_no int,

constraint foreign key(train\_no) references TRAIN(train\_no),

constraint foreign key(station\_no) references STATION(station\_no)

);

/\*\*\*\*\*\*\*\*\*\* STOP\_AT TABLE \*\*\*\*\*\*\*\*/

create table STOPS\_AT(

train\_no int,

station\_no int,

constraint foreign key(train\_no) references TRAIN(train\_no),

constraint foreign key(station\_no) references STATION(station\_no)

);

/\*\*\*\*\*\*\*\*\*\* REACHES TABLE \*\*\*\*\*\*\*/

create table REACHES(

train\_no int,

station\_no int,

time time,

constraint foreign key(train\_no) references TRAIN(train\_no),

constraint foreign key(station\_no) references STATION(station\_no)

);

/\*\*\*\*\*\*\*\*\*\* BOOKS TABLE \*\*\*\*\*\*\*/

create table BOOKS(

user\_id int,

id int,

constraint foreign key(user\_id) references USER(user\_id),

constraint foreign key(id) references TICKET(id)

);

/\*\*\*\*\*\*\* CANCEL TABLE \*\*\*\*\*\*\*\*/

create table CANCEL(

user\_id int,

id int,

passenger\_id int,

constraint foreign key(id) references TICKET(id),

constraint foreign key(passenger\_id) references PASSENGERS(passenger\_id),

constraint foreign key(user\_id) references USER(user\_id)

);

/\*\*\*\*\*\*\*\* INSERT VALUES IN USER TABLE \*\*\*\*\*\*/

insert into user(user\_id,first\_name,last\_name,aadhar\_no,gender,age,mobile\_no,email,city,state,pincode,password,security\_ques,security\_ans)

values

(101,'sejal','mediratta','309887340843','F',20,'9897362056','sejal@gmail.com','meerut','Uttar Pradesh','250001','12345@#','favouritecolour','black'),

(102,'om','prakash','456709871234','M',20,'6206186709','om@gmail.com','kanpur','uttar pradesh','208001','12@#345','favouritebike','bmw'),

(103,'soumya','nilay','765843210987','F',20,'8002686694','soumya@gmail.com','meerut','uttar pradesh','208008','0987hii','favourite flower','rose'),

(104,'sudhanshu','mishra','9310597815','M',20,'8657222317','sudhanshu@gmail.com','dehradun','uttarakhand','248009','93105','favouriteplace','goa');

/\*\*\*\*\*\*\*\*\*\* INSERT VALUES IN TRAIN TABLE \*\*\*\*\*\*\*\*\*/

insert into TRAIN(train\_no,train\_name,arrival\_time,departure\_time,availability\_of\_seats,date)

values

(12711,'pinakiniexp','11:30:00','11:40:00','A','2022-04-10'),

(12315,'cormandelexp','12:45:00','12:50:00',null,'2022-04-10'),

(12321,'ddnexpress','10:02:00','10:32:00','F','2022/04/12');

/\*\*\*\*\*\*\*\* INSERT VALUES IN STATION TABLE \*\*\*\*\*\*\*\*/

insert into STATION(station\_no,name,hault,arrival\_time,train\_no)

values

(111,'vijayawada',10,'11:30:00',12711),

(222,'tirupathi',5,'11:45:00',12315);

/\*\*\*\*\*\*\*\*\* INSERT VALUES IN TRAIN\_STATUS TABLE \*\*\*\*\*\*\*\*\*/

insert into

TRAIN\_STATUS(train\_no,w\_seatsl,b\_seatsl,b\_seats2,a\_seatsl ,a\_seats2,w\_seats2,farel,fare2)

values

(12711,10,4,0,1,1,0,100,450),

(12315,10,5,0,0,2,1,300,600);

/\*\*\*\*\*\*\*\*\*\* INSERT VALUES IN TICKET TABLE \*\*\*\*\*\*\*\*\*\*\*/

insert into TICKET(id,user\_id,status,no\_of\_passengers,train\_no)

values

(4001,101,'A',1,12711),

(4002,102,'F',1,12315);

/\*\*\*\*\*\*\*\* INSERT VALUES IN PASSENGERS TABLE \*\*\*\*\*\*\*\*\*\*\*\*/

insert into PASSENGERS(passenger\_id,pnr\_no,age,gender,user\_id,reservation\_status,seat\_number,name,ticket\_id)

values

(5001,78965,45,'M',101,'C' ,'B6-45','ramesh',4001),

(5002,54523,54,'F',101,'W','B3-21','surekha',4002);

/\*\*\*\*\*\*\*\*\*\* INSERT VALUES IN STARTS TABLE \*\*\*\*\*\*\*\*\*\*\*/

insert into STARTS(train\_no,station\_no)

values

(12711,111),

(12315,222);

/\*\*\*\*\*\*\*\*\*\*\* INSERT VALUES IN STOPS\_AT TABLE \*\*\*\*\*\*\*\*\*\*\*\*/

insert into STOPS\_AT(train\_no,station\_no)

values

(12711,222),

(12315,111);

/\*\*\*\*\*\*\*\*\* INSERT VALUES IN REACHES TABLE \*\*\*\*\*\*\*\*\*/

insert into REACHES(train\_no,station\_no,time)

values

(12711,222,'04:00:00'),

(12315,111,'05:35:00');

/\*\*\*\*\*\*\*\*\*\* INSERT VALUES IN BOOKS TABLE \*\*\*\*\*\*\*\*\*/

insert into BOOKS(user\_id,id)

values

(101,4001),

(102,4002);

/\*\*\*\*\*\*\*\*\*\*\*\*\* INSERT VALUES IN CANCEL TABLE \*\*\*\*\*\*\*\*\*\*/

insert into CANCEL(user\_id,id,passenger\_id)

values

(101,4001,5001);

/\*\*\*\*\*\*\*\*\*\* SELECT \* FROM TABLE \*\*\*\*\*\*\*\*\*\*\*/

select \* from user ;