

## TABLE CREATION AND DATA ENTRY

```
create table if not exists USER(user_id int primary key,first_name
varchar(50),last_name varchar(50),adhar_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));
```

```
create table if not exists TRAIN(train_no int primary key,train_name
varchar(50),arrival_time time,departure_time time,availability_of_seats char,date
date);
```

```
create table if not exists STATION(station_no int ,name varchar(50),halt int,arrival_time
time,train_no int,primary key(station_no,train_no),constraint foreign key(train_no)
references TRAIN(train_no));
```

```
create table if not exists TRAIN_STATUS(train_no int primary key,b_seats1
int,b_seats2 int,a_seats1 int,a_seats2 int,w_seats1 int,w_seats2 int,fare1 float,fare2
float);
```

```
create table if not exists 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));
```

```
create table if not exists PASSENGER(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));
```

```
create table if not exists 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(no));
```

```
create table if not exists STOPS_AT( train_no int,station_no int,constraint foreign
key(train_no) references TRAIN(train_no),constraint foreign key(station_no)
references STATION(no));
```

```
create table if not exists 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(no));
```

```
create table if not exists BOOKS( user_id int,id int,constraint foreign key(user_id)
references USER(user_id),constraint foreign key(id) references TICKET(id));
```

```
create table if not exists CANCEL(user_id int,id int,passenger_id int,constraint
foreign key(id) references TICKET(id),constraint foreign key(passenger_id)
references PASSENGER(passenger_id),constraint foreign key(user_id) references
USER(user_id));
```

### **INSERT QUERIES:**

```
insert into
```

```
USER(user_id,first_name,last_name,aadhar_no,gender,age,mobile_no,email,city,st
ate,pincode,_password,security_ques,security_ans)
```

```
values(1701,'vijay','sharma','309887340843','M',34,'9887786655','vijay1@gmail.co
m','vijayawada','andhrapradesh','520001','12345@#','favouritecolour','red'),(1702,'r
ohith','kumar','456709871234','M',45,'9809666555','rohith1kumar@gmail.com','gu
ntur','andhrapradesh','522004','12@#345','favouritebike','bmw'),(1703,'manasvi','sre
```

```
e','765843210987','F',20,'9995550666','manasvi57@gmail.com','guntur','andhra  
pradesh','522004','0987hii','favourite flower','rose');
```

```
insert into TRAIN(train_no,train_name,arrival_time,departure_time,availability_of  
seats,date) values(12711,'pinakini  
exp','113000','114000','A',20170410),(12315,'cormandel  
exp','124500',125000,'NA',20170410);
```

```
insert into STATION(no,name,hault,arrival_time,train_no)  
values(111,'vijayawada',10,'113000',12711),(222,'tirupathi',5,'114500',12315);
```

```
insert into  
TRAIN_STATUS(train_no,w_seats1,b_seats1,b_seats2,a_seats1,a_seats2,w_seats  
2,fare1,fare2) values(12711,10,4,0,1,1,0,100,450),(12315,10,5,0,0,2,1,300,600);
```

```
insert into TICKET(id,user_id,status,no_of_passengers,train_no)  
values(4001,1701,'C',1,,12711),(4002,1702,'NC',1,12315);
```

```
insert into PASSENGERS(passenger_id,pnr_no,age,gender,user_id,reservation  
_status,seat_number,name,ticket_id) values(5001,78965,45,'M',1701,'C','B6-  
45','ramesh',4001),(5002,54523,54,'F',1701,'W','B3-21','surekha',4002);
```

```
insert into STARTS(train_no,station_no) values(12711,111),(12315,222);
```

```
insert into STOPS_AT(train_no,station_no) values(12711,222),(12315,111);
```

```
insert into REACHES(train_no,station_no,time) values(12711,222,'040000'),  
(12315,111,'053500');
```

```
insert into BOOKS(user_id,id) values(1701,4001),(1702,4002);
```

```
insert into CANCEL(user_id,id,passenger_id) values(1701,4001,5001);
```