

```
create table train1(train_id number,train_name varchar(50),departente_station
varchar(50),arrival_station varchar(50),department_time timestamp,arrival_time timestamp);
create table station1(station_id number,station_name varchar(50),location varchar(50),platform
int);
create table passenger1(passenger_id number,name varchar(50),gender varchar(50),age
int,contact_no number,email varchar(100));
create table ticket_prices1(ticket_id number,train_id number,class varchar(50),price number);
create table reservation1(reservation_id number,train_id number,passenger_id
number,booking_date date,seat_number number,status varchar(100));
create table users1(user_id number,user_name varchar(100),password varchar(8),role
varchar(50));
```

```
desc train1;
desc station1;
desc passenger1;
desc ticket_prices1;
desc reservation1;
desc users1;
```

```
alter table train1 add primary key(train_id);
alter table station1 add primary key(station_id);
alter table passenger1 add primary key(passenger_id);
alter table ticket_prices1 add primary key(ticket_id);
alter table reservation1 add primary key(reservation_id);
alter table users1 add primary key(user_id);
```

```
insert into train1 (train_id,
train_name,departente_station,arrival_station,department_time,arrival_time) values (2016,'raj
express','mumbai','cochi',TO_TIMESTAMP('2023-09-11 08:20:00','YYYY-MM-DD
HH24:MI:SS'),TO_TIMESTAMP('2023-09-24 01:30:00','YYYY-MM-DD HH24:MI:SS'));
insert into train1 (train_id,
train_name,departente_station,arrival_station,department_time,arrival_time) values
(1000,'sakuntala express','Yavatmal','wardha',TO_TIMESTAMP('2020-08-12 07:20:00','YYYY-MM-
DD HH24:MI:SS'),TO_TIMESTAMP('2023-10-22 01:30:00','YYYY-MM-DD HH24:MI:SS'));
insert into train1 (train_id,
train_name,departente_station,arrival_station,department_time,arrival_time) values
(1004,'chennai express','delhi','chennai',TO_TIMESTAMP('2019-07-09 06:21:00','YYYY-MM-DD
HH24:MI:SS'),TO_TIMESTAMP('2023-11-23 01:30:00','YYYY-MM-DD HH24:MI:SS'));
insert into train1 (train_id,
train_name,departente_station,arrival_station,department_time,arrival_time) values
(2009,'rajdhani express','mumbai','lucknow',TO_TIMESTAMP('2018-04-11 05:21:00','YYYY-MM-DD
HH24:MI:SS'),TO_TIMESTAMP('2023-08-21 01:30:00','YYYY-MM-DD HH24:MI:SS'));
```

```
create view train_view123 as select * from train1;
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```
select * from train_view123;
```

```
select * from train1;
```

```
create view demo1 as select * from train1 where train1.train_id = 1000;
```

```
select * from demo1;
```

```
select * from train1;
```

```
select * from train1 where train_name like 'ra%';
```

```
update train1 set departmente_station = 'Dubai' where train_id = 2009;
```

```
select * from train1;
```

```
delete from train1 where train_id = 1000;
```

```
select * from train1;
```

```
select count(train_id),train_name from train1 group by train_name;
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```
select * from train1 order by arrival_time;
```

```
select count(train_id) from train1;
```

```
select max(train_id) as endid from train1;
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```
select min(train_id) as endid from train1;
```

```
select concat(train_name,departmente_station) from train1 where train_id in(select min(train_id) from train1);
```

```
select upper(concat(train_name,departmente_station)) from train1 where train_id = 1004;
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```
select lower(concat(train_name,departmente_station)) from train1 where train_id = 1004;
```