

# GeoSpecial

## Introduction

This project used for Geographical Location Tagging. This project helps to find different types of Infrastructure like Roads, Buildings, Railway Stations and Metro Stations etc. present across the Metro Cities such as Mumbai, Pune, Thane & NaviMumbai.

## ER Diagram



## STRUCTURE OF TABLE

### Employee

This table used to describe Employee details as well as City details, it contains details of Employee & City such as Employee ID, Employee name, City ID, City name etc.

```
MariaDB [loc_tag_project]> desc Employee;
```

Field	Type	Null	Key	Default	Extra
City_id	varchar(20)	NO	PRI	NULL	
City_Name	varchar(20)	NO		NULL	
Emp_id	varchar(20)	NO		NULL	
Emp_name	varchar(20)	NO		NULL	
Feild	varchar(20)	NO		NULL	
Verification	varchar(30)	NO		NULL	
Pincode	int(11)	NO		NULL	

7 rows in set (0.061 sec)

### Road

This table used to describe Road details, it contains details of Road such as Road No, Road Name, Road Type etc.

```
MariaDB [loc_tag_project]> desc Road;
```

Field	Type	Null	Key	Default	Extra
Road_no	varchar(20)	NO	PRI	NULL	
Road_name	varchar(20)	NO		NULL	
Road_type	varchar(20)	NO		NULL	
City_id	varchar(20)	YES	MUL	NULL	
Verification	varchar(20)	NO		NULL	
Latest_update	varchar(30)	NO		NULL	

6 rows in set (0.039 sec)

## Building

This table used to describe Building details, it contains details of Building such as Building no, Building name, Building type etc.

```
MariaDB [loc_tag_project]> desc Building;
```

Field	Type	Null	Key	Default	Extra
Building_no	int(11)	NO	PRI	NULL	
Building_name	varchar(50)	NO		NULL	
Building_type	varchar(20)	NO		NULL	
Road_no	varchar(20)	YES	MUL	NULL	
Verificaton	varchar(20)	NO		NULL	
Latest_update	varchar(30)	NO		NULL	

6 rows in set (0.012 sec)

## Railway Station

This table used to describe Railway Station details, it contains details of Railway station such as Railway station ID, Railway station Name etc.

```
MariaDB [loc_tag_project]> desc Railway_Station;
```

Field	Type	Null	Key	Default	Extra
Rlw_Sta_id	varchar(20)	NO	PRI	NULL	
Rlw_Sta_name	varchar(20)	NO		NULL	
Road_no	varchar(20)	YES	MUL	NULL	
Verificaton	varchar(20)	NO		NULL	
Latest_update	varchar(30)	NO		NULL	

5 rows in set (0.054 sec)

## Metro Station

This table used to describe Metro Station details, it contains details of Metro station such as Metro station ID, Metro station Name

```
MariaDB [loc_tag_project]> desc Metro_Station;
```

Field	Type	Null	Key	Default	Extra
Metro_Sta_id	varchar(20)	NO	PRI	NULL	
Metro_Sta_name	varchar(20)	NO		NULL	
Road_no	varchar(20)	YES	MUL	NULL	
Rlw_Sta_id	varchar(20)	YES	MUL	NULL	
Verificaton	varchar(20)	NO		NULL	
Latest_update	varchar(30)	NO		NULL	

6 rows in set (0.031 sec)

## CONTENT OF TABLE

### Employee

```
MariaDB [loc_tag_project]> select * from Employee;
```

City_id	City_Name	Emp_id	Emp_name	Feild	Verification	Pincode
C1	Navi Mumbai	E101	Mahesh Mane	metro	VERIFY	410208
C10	Mumbai	E110	Priya shinde	Railway	VERIFY	400077
C11	Mumbai	E111	Reshma raut	Road	VERIFY	400104
C12	Mumbai	E112	Ratna sonawane	Building	NOT YET VERIFIED	400104
C13	Pune	E113	Ashwin tambe	Road	VERIFY	411021
C14	Mumbai	E114	Kali dinkar	Building	VERIFY	400058
C15	Pune	E115	Damodara ghoorpade	Road	VERIFY	411004
C16	Pune	E116	Dayarama suchin	Railway	VERIFY	411021
C17	Pune	E117	Deepali gupta	Road	VERIFY	411009
C18	Thane	E118	Dhananjay maji	Building	VERIFY	400604
C19	Mumbai	E119	Dilip gunde	Railway	VERIFY	400058
C2	Thane	E102	Ruchita lokare	Railway	VERIFY	400604
C20	Thane	E120	Kapila kasagra	Road	VERIFY	400604
C21	Navi Mumbai	E121	Raghu suri	Building	NOT YET VERIFIED	400614
C22	Thane	E122	Rohan shrihari	Road	VERIFY	421302
C23	Mumbai	E123	Ram pal	metro	VERIFY	400104
C24	Navi Mumbai	E124	Savitri himanshu	Railway	VERIFY	400614
C25	Navi Mumbai	E125	Padma yadav	Road	VERIFY	400614
C26	Thane	E126	Atul shriwastav	Building	VERIFY	421302
C27	Navi Mumbai	E127	Mohit joshi	Building	VERIFY	410208
C28	Pune	E128	Lalit kelli	Building	VERIFY	411021
C29	Navi Mumbai	E129	Kashiram parab	Road	VERIFY	410208
C3	Mumbai	E103	Sakshi shelar	Road	VERIFY	400077
C30	Mumbai	E130	Pratham pandey	Building	NOT YET VERIFIED	400104
C4	Navi Mumbai	E104	Raghav date	Building	VERIFY	410208
C5	Thane	E105	Rohit dube	metro	VERIFY	400604
C6	Pune	E106	John fernandes	Building	VERIFY	411009
C7	Pune	E107	Jyoti gupta	metro	VERIFY	411009
C8	Mumbai	E108	Ram chavan	metro	VERIFY	400058
C9	Mumbai	E109	Lata rathod	Road	VERIFY	400058

```
30 rows in set (0.000 sec)
```

## Road

```
MariaDB [loc_tag_project]> select * from Road;
```

Road_no	Road_name	Road_type	City_id	Verification	Latest_update
NH04	MUMBAI-DELHI	8 LANE ROAD	C20	VERIFY	Lane count upgrated
NH06	MUMBAI-VADODARA	4 LANE ROAD	C11	VERIFY	Lane count upgrated
NH07	MUMBAI-DELHI	8 LANE ROAD	C18	VERIFY	Lane count upgrated
NH31	MUMBAI-PUNE	4 LANE ROAD	C14	VERIFY	Lane count upgrated
NH52	MUMBAI-NAGPUR	6 LANE ROAD	C19	VERIFY	Lane count upgrated
RD03	Lal bahadur shashtri	Paved Shoulder	C3	VERIFY	Change in Road No
RD04	Matoshree Mehata Cho	Paved Shoulder	C10	VERIFY	Change in Road Name
RD05	NEHARU MARG	CONCRETE ROAD	C5	VERIFY	Change in Road Name
RD08	JAGATAP MARG	Paved Shoulder	C4	VERIFY	Change in Road Name
RD09	DURGAMATA ROAD	Paved Shoulder	C24	VERIFY	NA
RD10	ROAD NO 10	Paved Shoulder	C7	VERIFY	Change in Road Name
RD16	DIGHE ROAD	Paved Shoulder	C2	VERIFY	Change in Road No
RD18	THANE-BELAPUR	Paved Shoulder	C22	VERIFY	Change in Road Name
RD22	MAHATMA GANDHI ROAD	Paved Shoulder	C23	VERIFY	NA
RD24	DADABHAI NAOROJI ROA	Paved Shoulder	C21	NOT YET VERIFIED	Change in Road No
RD25	KUMTHEKAR ROAD	Paved Shoulder	C15	VERIFY	Change in Road No
RD27	JIJAMATA CHOWK	Paved Shoulder	C29	VERIFY	Lane count upgrated
RD29	AAMBEDKAR ROAD	CONCRETE ROAD	C28	VERIFY	NA
RD46	NEHARU ROAD	Paved Shoulder	C30	NOT YET VERIFIED	NA
RD50	Road_No 50	Paved Shoulder	C1	VERIFY	Change in Road No
RD52	PUNE DISRICT ROAD	2 LANE ROAD	C6	VERIFY	Change in Road No
SH02	MUMBAI-KARJAT ROAD	2 LANE ROAD	C9	VERIFY	Change in Road Name
SH05	THANE-SATARA	4 LANE ROAD	C25	VERIFY	Lane count upgrated
SH07	THANE-SATARA	4 LANE ROAD	C26	VERIFY	Lane count upgrated
SH11	PUNE -NASHIK HIGHWAY	4 LANE ROAD	C13	VERIFY	Lane count upgrated
SH12	VIRAR-BORIWALI	4 LANE ROAD	C12	NOT YET VERIFIED	Lane count upgrated
SH19	PIMPARI CHINCHWAD LI	4 LANE ROAD	C16	VERIFY	Change in Road No
SH21	THANE-SATARA	4 LANE ROAD	C27	VERIFY	Lane count upgrated
SH23	BAJIRAO ROAD	4 LANE ROAD	C17	VERIFY	Lane count upgrated
SH42	MUMBAI-RAIGAD ROAD	2 LANE ROAD	C8	VERIFY	Change in Road No

```
30 rows in set (0.000 sec)
```

## Building

```
MariaDB [loc_tag_project]> select * from Building;
```

Building_no	Building_name	Building_type	Road_no	Verificaton	Latest_update
2	Waman Hari Pethe	Mercantile Building	SH12	NOT YET VERIFIED	Renovation
3	Sai Krupa	Residential Building	SH11	VERIFY	Renovation
4	Bhumi Sadan	Residential Building	RD22	VERIFY	Renovation
5	Mahape Railway Station	Government Building	RD50	VERIFY	Modifed
6	Godavari Niwas	Residential Building	RD25	VERIFY	Modifed
7	Shivtej Building	Residential Building	RD16	VERIFY	Modifed
8	Jagdamba Niwas	Residential Building	RD29	VERIFY	Under Construction
9	luxmi Niwas	Residential Building	RD10	VERIFY	Modifed
10	Nvoday Vidyalay	Educational Building	RD52	VERIFY	Under Construction
11	Bajaj Finance Bank pvt ltd	Business Building	SH42	VERIFY	Renovation
13	Patakai Godown	Store House	SH02	VERIFY	Renovation
15	Swami Benglow	Residential Building	SH07	VERIFY	Modifed
16	Ahilya Niwas	Residential Building	RD03	VERIFY	Under Construction
17	District School	Government Building	NH07	VERIFY	Under Construction
18	Honda Showroom	Commertial Building	NH31	VERIFY	Modifed
19	Desoza International School	Educational Building	NH04	VERIFY	Under Construction
20	Lanchika Jwellery and design shop	Commertial Building	RD18	VERIFY	Renovation
21	Sarswati Niwas	Residential Building	RD04	VERIFY	Under Construction
22	L&T TEXTILE	Business Building	NH52	VERIFY	Renovation
23	Savitri Bhavan	Residential Building	RD08	VERIFY	Renovation
24	WIPRO	Industrial Building	NH06	VERIFY	Renovation
25	TAJ Tower	Residential Building	RD24	VERIFY	Under Construction
27	Shriram Wood Shop	Commertial Building	RD27	VERIFY	Under Construction
29	Lunch Home	Commertial Building	SH23	VERIFY	Renovation
31	Chicken Shop	Commertial Building	RD09	VERIFY	Renovation
32	Piramal Heritage	Residential Building	SH19	VERIFY	Modifed
33	Zerox and Photocopy Center	Commertial Building	SH05	VERIFY	Modifed
35	Mathakar Complex	Residential Building	SH21	VERIFY	Under Construction
51	Grampanchayat	Government Building	RD05	VERIFY	Renovation
72	Luxmi Snacks Corner	Commertial Building	RD46	NOT YET VERIFIED	Modifed

```
30 rows in set (0.014 sec)
```

## Railway Station

```
MariaDB [loc_tag_project]> select * from Railway_Station;
```

Rlw_Sta_id	Rlw_Sta_name	Road_no	Verificaton	Latest_update
R01	Airoli	RD50	VERIFY	Name Change
R010	Bhandup	SH19	VERIFY	Under construction
R011	Nahur	SH23	VERIFY	Name Change
R012	Mulund	RD29	VERIFY	Under construction
R013	Sant Tukaran Nagar R	SH11	VERIFY	Under construction
R014	Matunga Road	NH31	VERIFY	Under construction
R015	Phugewadi Railway St	RD25	VERIFY	Under construction
R016	Khadaki Railway Stat	SH19	VERIFY	Under construction
R017	Mandai Railway Stati	SH23	VERIFY	Under construction
R018	Mumbra	NH07	VERIFY	Under construction
R019	Mahim	NH52	VERIFY	Name Change
R02	Thane Railway Statio	RD16	VERIFY	Under construction
R020	Kapurbavadi Railway	NH04	NOT YET VERIFIED	Under construction
R021	Ghansoli	RD24	VERIFY	Name Change
R022	R Mall Railway Stati	RD18	NOT YET VERIFIED	Under construction
R023	BKC Railway Station	RD22	VERIFY	Name Change
R024	Koparkhairne	RD09	VERIFY	Under construction
R025	Turbhe	SH05	VERIFY	Name Change
R026	Diwa	SH05	VERIFY	Under construction
R027	Sanpada	SH21	VERIFY	Name Change
R028	Shivaji Nagar	RD29	VERIFY	Under construction
R029	Vashi	RD27	VERIFY	Name Change
R03	Ghatkopar	RD03	VERIFY	Name Change
R030	Khar Road	RD46	VERIFY	Under construction
R04	Rabale	RD08	VERIFY	Under construction
R05	Kalawa	RD05	VERIFY	Name Change
R06	Pune Railway Station	RD52	VERIFY	Renovation
R07	Pimpri-Chinchwad	RD10	VERIFY	Renovation
R08	Vikroli	SH11	VERIFY	Under construction
R09	Kanjurmarga	RD25	VERIFY	Name Change

```
30 rows in set (0.009 sec)
```

## Metro Station

```
MariaDB [loc_tag_project]> select * from Metro_Station;
```

Metro_Sta_id	Metro_Sta_name	Road_no	Rlw_Sta_id	Verificaton	Latest_update
MMPM16	Puneri Mtero Station	RD52	R06	VERIFY	Modifed
MMPM17	Pimpri-Chinchwad Met	RD10	R07	VERIFY	Under Construction
MMPM23	Sant Tukaran Nagar	SH11	R013	VERIFY	Under Construction
MMPM25	Phugewadi	RD25	R015	VERIFY	Under Construction
MMPM26	Khadaki	SH19	R016	VERIFY	Under Construction
MMPM27	Mandai	SH23	R017	VERIFY	Under Construction
MMRDA11	Airoli Metro Station	RD50	R01	VERIFY	Under Construction
MMRDA12	Thane Metro Station	RD16	R02	VERIFY	Modifed
MMRDA13	Ghatkopar Metro Stat	RD03	R03	VERIFY	Modifed
MMRDA14	Rabale Metro Station	RD08	R04	VERIFY	Under Construction
MMRDA15	Kalawa Metro Station	RD05	R05	VERIFY	Modifed
MMRDA18	Vikroli Metro Statio	SH42	R08	VERIFY	Modifed
MMRDA19	Kanjurmang Metro Sta	SH02	R09	VERIFY	Modifed
MMRDA20	Bhandup Metro Statio	RD04	R010	VERIFY	Modifed
MMRDA21	Nahur Metro Station	NH06	R011	VERIFY	Modifed
MMRDA22	Mulund Metro Station	SH12	R012	VERIFY	Modifed
MMRDA24	Matunga Metro Statio	NH31	R014	VERIFY	Modifed
MMRDA28	Mubra Metro Station	NH07	R018	VERIFY	Under Construction
MMRDA29	Mahim Metro Station	NH52	R019	VERIFY	Modifed
MMRDA30	Kapurbavdi	NH04	R020	NOT YET VERIFIED	Under Construction
MMRDA31	Ghatkopar Metro Stat	RD24	R021	VERIFY	Under Construction
MMRDA32	R mall Metro Station	RD18	R022	NOT YET VERIFIED	Under Construction
MMRDA33	BKC Metro Station	RD22	R023	VERIFY	Under Construction

```
23 rows in set (0.001 sec)
```



## SUBQUERIES

### Q.1. Display the Building name which is located in “Thane” area.

select Building\_no,Building\_name,Building\_type from Building where Road\_no in(select Road\_no from Road where City\_id in(select City\_id from Employee where City\_Name="Thane"));

```
MariaDB [loc_tag_project]> select Building_no,Building_name,Building_type from Building where Road_no in
-> (select Road_no from Road where City_id in(select City_id from Employee where City_Name="Thane"));
```

Building_no	Building_name	Building_type
7	Shivtej Building	Residential Building
15	Swami Benglow	Residential Building
17	District School	Government Building
19	Desoza International School	Educational Building
20	Lanchika Jewellery and design shop	Commercial Building
51	Grampanchayat	Government Building

6 rows in set (0.001 sec)

### Q.2. Display the name of building given by the Employee “Priya Shinde”.

select Building\_no,Building\_name,Building\_type from Building where Road\_no =(select Road\_no from Road where City\_id =(select City\_id from Employee where Emp\_name="Priya shindeo"));

```
MariaDB [loc_tag_project]> select Building_no,Building_name,Building_type from Building where Road_no =
-> (select Road_no from Road where City_id =(select City_id from Employee where Emp_name="Priya shindeo"));
```

Building_no	Building_name	Building_type
21	Sarswati Niwas	Residential Building

1 row in set (0.001 sec)

### Q.3. Display the Metro Station name in “Mumbai” area.

select Metro\_Sta\_id,Metro\_Sta\_name from Metro\_Station where Road\_no in(select Road\_no from Road where City\_id IN(select City\_id from Employee where City\_name="Mumbai"));

```
MariaDB [loc_tag_project]> select Metro_Sta_id,Metro_Sta_name from Metro_Station where Road_no in
-> (select Road_no from Road where City_id IN(select City_id from Employee where City_name="Mumbai"));
```

Metro_Sta_id	Metro_Sta_name
MMRDA13	Ghatkopar Metro Stat
MMRDA18	Vikroli Metro Statio
MMRDA19	Kanjurmarg Metro Sta
MMRDA20	Bhandup Metro Statio
MMRDA21	Nahur Metro Station
MMRDA22	Mulund Metro Station
MMRDA24	Matunga Metro Statio
MMRDA29	Mahim Metro Station
MMRDA33	BKC Metro Station

9 rows in set (0.005 sec)

#### Q.4. Display the Railway station name whose belong to the Pincode of 421302.

select Rlw\_Sta\_id,Rlw\_Sta\_name from Railway\_Station where Road\_no in(select Road\_no from Road where City\_id in(select city\_id from Employee where Pincode=421302));

```
MariaDB [loc_tag_project]> select Rlw_Sta_id,Rlw_Sta_name from Railway_Station where Road_no in
-> (select Road_no from Road where City_id in(select city_id from Employee where Pincode=421302));
```

Rlw_Sta_id	Rlw_Sta_name
R022	R Mall Railway Stati

```
1 row in set (0.008 sec)
```

#### Q.5. Display the Railway Station in "Navi Mumbai" City.

select Rlw\_Sta\_id,Rlw\_Sta\_name,Latest\_update from Railway\_Station where Road\_no in(select Road\_no from Road where City\_id in(select City\_id from Employee where City\_name="Navi Mumbai"));

```
MariaDB [loc_tag_project]> select Rlw_Sta_id,Rlw_Sta_name,Latest_update from Railway_Station where Road_no in
-> (select Road_no from Road where City_id in(select City_id from Employee where City_name="Navi Mumbai"));
```

Rlw_Sta_id	Rlw_Sta_name	Latest_update
R01	Airoli	Name Change
R021	Ghansoli	Name Change
R024	Koparkhairne	Under construction
R025	Turbhe	Name Change
R026	Diwa	Under construction
R027	Sanpada	Name Change
R029	Vashi	Name Change
R04	Rabale	Under construction

```
8 rows in set (0.001 sec)
```

## JOINS

### Q.1 Display the Road and Metro Station details of share in one table.

```
select Road.Road_name,Road.Road_type,Metro_Station.Metro_Sta_id,Metro_Station.Metro_Sta_name from Road
inner join Metro_Station on Road.Road_no=Metro_Station.Road_no;
```

```
MariaDB [loc_tag_project]> select Road.Road_name,Road.Road_type,Metro_Station.Metro_Sta_id,Metro_Station.Metro_Sta_name from
-> Road inner join Metro_Station on Road.Road_no=Metro_Station.Road_no;
```

Road_name	Road_type	Metro_Sta_id	Metro_Sta_name
PUNE DISRICT ROAD	2 LANE ROAD	MMPM16	Puneri Mtero Station
ROAD NO 10	Paved Shoulder	MMPM17	Pimpri-Chinchwad Met
PUNE -NASHIK HIGHWAY	4 LANE ROAD	MMPM23	Sant Tukaran Nagar
KUMTHEKAR ROAD	Paved Shoulder	MMPM25	Phugewadi
PIMPARI CHINCHWAD LI	4 LANE ROAD	MMPM26	Khadaki
BAJIRAO ROAD	4 LANE ROAD	MMPM27	Mandai
Road_No 50	Paved Shoulder	MMRDA11	Airoli Metro Station
DIGHE ROAD	Paved Shoulder	MMRDA12	Thane Metro Station
Lal bahadur shashtri	Paved Shoulder	MMRDA13	Ghatkopar Metro Stat
JAGATAP MARG	Paved Shoulder	MMRDA14	Rabale Metro Station
NEHARU MARG	CONCRETE ROAD	MMRDA15	Kalawa Metro Station
MUMBAI-RAIGAD ROAD	2 LANE ROAD	MMRDA18	Vikroli Metro Statio
MUMBAI-KARJAT ROAD	2 LANE ROAD	MMRDA19	Kanjurmarg Metro Sta
Matoshree Mehata Cho	Paved Shoulder	MMRDA20	Bhandup Metro Statio
MUMBAI-VADODARA	4 LANE ROAD	MMRDA21	Nahur Metro Station
VIRAR-BORIWALI	4 LANE ROAD	MMRDA22	Mulund Metro Station
MUMBAI-PUNE	4 LANE ROAD	MMRDA24	Matunga Metro Statio
MUMBAI-DELHI	8 LANE ROAD	MMRDA28	Mubra Metro Station
MUMBAI-NAGPUR	6 LANE ROAD	MMRDA29	Mahim Metro Station
MUMBAI-DELHI	8 LANE ROAD	MMRDA30	Kapurbavdi
DADABHAI NAOROJI ROA	Paved Shoulder	MMRDA31	Ghatkopar Metro Stat
THANE-BELAPUR	Paved Shoulder	MMRDA32	R mall Metro Station
MAHATMA GANDHI ROAD	Paved Shoulder	MMRDA33	BKC Metro Station

```
23 rows in set (0.062 sec)
```

## Q.2.Shows the Employee and road name in one table.

select Employee.Emp\_id,Employee.Emp\_name,Road.Road\_no,Road.Road\_name from Employee left join Road on Employee.City\_id=Road.City\_id UNION select Employee.Emp\_id,Employee.Emp\_name,Road.Road\_no,Road.Road\_name from Employee right join Road on Employee.City\_id=Road.City\_id;

```
MariaDB [LOC_TAG_PROJECT]> select Employee.Emp_id,Employee.Emp_name,Road.Road_no,Road.Road_name from  
-> Employee left join Road on Employee.City_id=Road.City_id  
-> UNION select Employee.Emp_id,Employee.Emp_name,Road.Road_no,Road.Road_name from  
-> Employee right join Road on Employee.City_id=Road.City_id;
```

Emp_id	Emp_name	Road_no	Road_name
E101	Mahesh Mane	RD50	Road_No 50
E110	Priya shinde	RD04	Matoshree Mehata Cho
E111	Reshma raut	NH06	MUMBAI-VADODARA
E112	Ratna sonawane	SH12	VIRAR-BORIWALI
E113	Ashwin tambe	SH11	PUNE -NASHIK HIGHWAY
E114	Kali dinkar	NH31	MUMBAI-PUNE
E115	Damodara ghoorpade	RD25	KUMTHEKAR ROAD
E116	Dayarama suchin	SH19	PIMPARI CHINCHWAD LI
E117	Deepali gupta	SH23	BAJIRAO ROAD
E118	Dhananjay maji	NH07	MUMBAI-DELHI
E119	Dilip gunde	NH52	MUMBAI-NAGPUR
E102	Ruchita lokare	RD16	DIGHE ROAD
E120	Kapila kasagra	NH04	MUMBAI-DELHI
E121	Raghu suri	RD24	DADABHAI NAOROJI ROA
E122	Rohan shrihari	RD18	THANE-BELAPUR
E123	Ram pal	RD22	MAHATMA GANDHI ROAD
E124	Savitri himanshu	RD09	DURGAMATA ROAD
E125	Padma yadav	SH05	THANE-SATARA
E126	Atul shriwastav	SH07	THANE-SATARA
E127	Mohit joshi	SH21	THANE-SATARA
E128	Lalit kelli	RD29	AAMBEDKAR ROAD
E129	Kashiram parab	RD27	JIJAMATA CHOWK
E103	Sakshi shelar	RD03	Lal bahadur shashtri
E130	Pratham pandey	RD46	NEHARU ROAD
E104	Raghav date	RD08	JAGATAP MARG
E105	Rohit dube	RD05	NEHARU MARG
E106	John fernandes	RD52	PUNE DISRICT ROAD
E107	Jyoti gupta	RD10	ROAD NO 10
E108	Ram chavan	SH42	MUMBAI-RAIGAD ROAD
E109	Lata rathod	SH02	MUMBAI-KARJAT ROAD

30 rows in set (0.051 sec)

```
MariaDB [LOC_TAG_PROJECT]>
```

### Q.3.Shows the Railway Station and Metro Station in one table.

select Railway\_Station. Road\_no ,Railway\_Station. Rlw\_Sta\_id, Railway\_Station. Rlw\_Sta\_name, Metro\_Station.  
Metro\_Sta\_id, Metro\_Station. Metro\_Sta\_name from Railway\_Station left join Metro\_Station on  
Road\_no = Metro\_Station. Road\_no UNION select Railway\_Station. Road\_no ,Railway\_Station. Rlw\_Sta\_id,  
Railway\_Station. Rlw\_Sta\_name, Metro\_Station. Metro\_Sta\_id, Metro\_Station. Metro\_Sta\_name from Railway\_Station  
right join Metro\_Station on Railway\_Station. Road\_no = Metro\_Station. Road\_no

```
MariaDB [LOC_TAG_PROJECT]> select Railway_Station. Road_no ,Railway_Station. Rlw_Sta_id, Railway_Station. Rlw_Sta_name,  
-> Metro_Station. Metro_Sta_id, Metro_Station. Metro_Sta_name from Railway_Station left join Metro_Station on  
-> Railway_Station. Road_no = Metro_Station. Road_no UNION select Railway_Station. Road_no ,Railway_Station. Rlw_Sta_id,  
-> Railway_Station. Rlw_Sta_name, Metro_Station. Metro_Sta_id, Metro_Station. Metro_Sta_name  
-> from Railway_Station right join Metro_Station on Railway_Station. Road_no = Metro_Station. Road_no;
```

Road_no	Rlw_Sta_id	Rlw_Sta_name	Metro_Sta_id	Metro_Sta_name
RD50	R01	Airoli	MMRDA11	Airoli Metro Station
SH19	R010	Bhandup	MMPM26	Khadaki
SH23	R011	Nahur	MMPM27	Mandai
RD29	R012	Mulund	NULL	NULL
SH11	R013	Sant Tukaran Nagar R	MMPM23	Sant Tukaran Nagar
NH31	R014	Matunga Road	MMRDA24	Matunga Metro Statio
RD25	R015	Phugewadi Railway St	MMPM25	Phugewadi
SH19	R016	Khadaki Railway Stat	MMPM26	Khadaki
SH23	R017	Mandai Railway Stati	MMPM27	Mandai
NH07	R018	Mumbra	MMRDA28	Mubra Metro Station
NH52	R019	Mahim	MMRDA29	Mahim Metro Station
RD16	R02	Thane Railway Statio	MMRDA12	Thane Metro Station
NH04	R020	Kapurbavadi Railway	MMRDA30	Kapurbavdi
RD24	R021	Ghansoli	MMRDA31	Ghatkopar Metro Stat
RD18	R022	R Mall Railway Stati	MMRDA32	R mall Metro Station
RD22	R023	BKC Railway Station	MMRDA33	BKC Metro Station
RD09	R024	Koparkhairne	NULL	NULL
SH05	R025	Turbhe	NULL	NULL
SH05	R026	Diwa	NULL	NULL
SH21	R027	Sanpada	NULL	NULL
RD29	R028	Shivaji Nagar	NULL	NULL
RD27	R029	Vashi	NULL	NULL
RD03	R03	Ghatkopar	MMRDA13	Ghatkopar Metro Stat
RD46	R030	Khar Road	NULL	NULL
RD08	R04	Rabale	MMRDA14	Rabale Metro Station
RD05	R05	Kalawa	MMRDA15	Kalawa Metro Station
RD52	R06	Pune Railway Station	MMPM16	Puneri Mtero Station
RD10	R07	Pimpri-Chinchwad	MMPM17	Pimpri-Chinchwad Met
SH11	R08	Vikroli	MMPM23	Sant Tukaran Nagar
RD25	R09	Kanjurmanga	MMPM25	Phugewadi
NULL	NULL	NULL	MMRDA18	Vikroli Metro Statio
NULL	NULL	NULL	MMRDA19	Kanjurmarg Metro Sta
NULL	NULL	NULL	MMRDA20	Bhandup Metro Statio
NULL	NULL	NULL	MMRDA21	Nahur Metro Station
NULL	NULL	NULL	MMRDA22	Mulund Metro Station

35 rows in set (0.006 sec)

**Project done by**

**Prarthana Vengurlekar**

**TH73/Fun.DS/PS/16thMar/10am - 12pm/R**