

CASE STUDY

Joins

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Q.12) Question on self join

emp1:

id	name	manager_id
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1	Max	2
2	Hary	1
3	Shree	Null
4	Raj	1

o/p

employee_name	manager_name
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Max	Hary
Hary	Max
Raj	Max

```
MariaDB [school1] > create table emp (emp_id int, emp_name varchar(50), nag_id int)
;
Query OK, 0 rows affected (0.217 sec)

MariaDB [school1] > insert into emp values (1,'Max',2);
Query OK, 1 row affected (0.055 sec)

MariaDB [school1] > insert into emp values (2, 'Hary',1);
Query OK, 1 row affected (0.033 sec)

MariaDB [school1] > insert into emp values (3, 'shree',null);
Query OK, 1 row affected (0.072 sec)

MariaDB [school1] > insert into emp values (4, 'raj',1);
Query OK, 1 row affected (0.052 sec)
```

```
MariaDB [school]> select * from emp;
```

emp_id	emp_name	mag_id
1	Max	2
2	Hary	1
3	shree	NULL
4	raj	1

```
MariaDB [school]> select m.emp_name as Employee,e.emp_name as Manager from emp  
e inner join emp m on (e.emp_id = m.mag_id);
```

Employee	Manager
Max	Hary
Hary	Max
raj	Max

```
3 rows in set (0.002 sec)
```