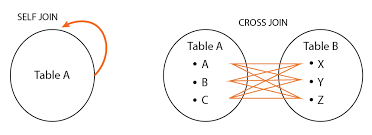
**1.Self join:**

A self join is a regular join, but the table is joined with itself.

Self join is use when primary key and foreign key in one table.



Syntax:

SELECT *column\_name(s)*  
FROM *table1 T1, table1 T2*  
WHERE *condition*;

**Table name = customer\_a**

|  |  |  |  |
| --- | --- | --- | --- |
| emp\_id | emp\_name | manager\_id | city |
| 1 | anil | 6 | delhi |
| 2 | sunil | 4 | delhi |
| 3 | jay | 2 | delhi |
| 4 | juhi | 3 | Delhi |
| 5 | raja | 1 | Delhi |
| 6 | mina | 8 | Delhi |
| 7 | arun | 7 | Delhi |
| 8 | rajesh | 5 | Delhi |

use maulika;

select \* from company\_a;

select \* from company\_a as y;

select \* from company\_a as z;

select y.emp\_id as "EMP\_ID",y.emp\_name as "EMP\_NAME",

z.emp\_id as "MANAGER\_ID",z.emp\_name as "MANAGER\_NAME"

FROM company\_a y, company\_a z

where y.MANAGER\_ID = z.emp\_id;

**foreign key = MANAGER\_ID**

**PRIMARYKEY = EMP\_ID**

**Table name = customer\_b**

|  |  |  |  |
| --- | --- | --- | --- |
| emp\_id | emp\_name | manager\_id | city |
| 1 | jay | 8 | mumbai |
| 2 | juhi | 7 | nashik |
| 3 | neha | 6 | ahmedabad |
| 4 | raja | 5 | rajkot |
| 5 | meena | 4 | baroda |
| 6 | rahul | 3 | mumbai |
| 7 | krisha | 2 | nashik |
| 8 | prisha | 1 | ahmedabad |

use maulika;

select \* from company\_b;

select \* from company\_b as y;

select \* from company\_b as z;

select y.emp\_id as "EMP\_ID",y.emp\_name as "EMP\_NAME",

z.emp\_id as "MANAGER\_ID",z.emp\_name as "MANAGER\_NAME"

FROM company\_b y, company\_b z

where y.MANAGER\_ID = z.emp\_id;