JOINS

Select column names of table1 & table2

From table1

Join table2

On table1\_column name = table2\_column name;

|  |  |
| --- | --- |
| book\_id | book\_name |
| 51 | Book1 |
| 52 | Book2 |
| 56 | Book3 |

BOOK Table Author Table

|  |  |
| --- | --- |
| Author\_id | Author\_name |
| 52 | A1 |
| 56 | A2 |
| 63 | A3 |

|  |  |  |  |
| --- | --- | --- | --- |
| Book\_id | book\_name | Author\_id | Author\_name |
| 52 | Book2 | 52 | A1 |
| 56 | Book3 | 56 | A2 |

Dia. 1: Join

|  |  |  |  |
| --- | --- | --- | --- |
| Book\_id | book\_name | Author\_id | Author\_name |
| 51 | Book1 | NULL | NULL |
| 52 | Book2 | 52 | A1 |
| 56 | Book3 | 56 | A2 |

Dia. 2: Join

|  |  |  |  |
| --- | --- | --- | --- |
| Book\_id | book\_name | Author\_id | Author\_name |
| 52 | Book2 | 52 | A1 |
| 56 | Book3 | 56 | A2 |
| NULL | NULL | 63 | A3 |

Dia.3: join

|  |  |  |  |
| --- | --- | --- | --- |
| Book\_id | book\_name | Author\_id | Author\_name |
| 51 | Book1 | NULL | NULL |
| 52 | Book2 | 52 | A1 |
| 56 | Book3 | 56 | A2 |
| NULL | NULL | 63 | A3 |

Dia.4: join

#SELF JOIN:

create table tblemployee(eid int primary key, ename varchar(30),mngrid int);

insert into tblemployee values(1,'jack',2);

insert into tblemployee (eid,ename) values(3,'william');

SELECT \* FROM tblemployee t;

select employee.ename as emp\_name, manager.ename as mngr\_name

from tblemployee as employee join tblemployee as manager

on employee.mngrid = manager.eid;