BASICS OF SQL II

SQL JOINS:

Sample Customer and Employee table are created.

MYSQL> select * from customer;

cust_id	cust_name	cust_guide
1	Peri	Ram
2	Tharun	Kishore
3	Dharshana	Ashok
4	Varun	Ajay
5	Vikram	Kiran

MYSQL> select * from employee;

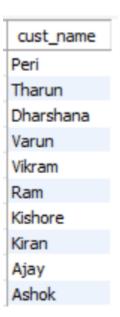| emp_id	emp_name	experience
1	Ram	5
2	Kishore	15
3	Kiran	7
4	Ajay	3
5	Ashok	12

MYSQL> select a.cust_name, b.emp_name from customer a inner join employee b where a.cust_guide = b.emp_name;

cust_name	emp_name
Peri	Ram
Tharun	Kishore
Vikram	Kiran
Varun	Ajay
Dharshana	Ashok

SQL UNION:

MYSQL> select cust_name from customer UNION select emp_name from employee;

Makes a union of unique elements of similar no.of columns.

cust_name
Peri
Tharun
Dharshana
Varun
Vikram
Ram
Kishore
Kiran
Ajay
Ashok

SUBQUERIES:

MYSQL> select * from customer where cust_guide in (select emp_name from employee where experience > 10);

cust_id	cust_name	cust_guide
2	Tharun	Kishore
3	Dharshana	Ashok