**POSTGRESQL**

create table employee11(name char(10),id int,age int,address char(10));

insert into employee11(name,id,age,address) values ('priya',111,20,'cbe');

insert into employee11(name,id,age,address) values ('hari',112,24,'chennai');

insert into employee11(name,id,age,address) values ('ani',113,23,'cbe');

select\*from employee11;

alter table employee11 add salary int;

update employee11 set salary=20000 where id=111;

update employee11 set salary=25000 where id=112;

update employee11 set salary=16000 where id=113;

select\*from employee11;

alter table employee11 rename to emp11;

select\*from emp11;

update emp11 set age=27 where id=112;

select\*from emp11;

update emp11 set salary=salary/0.2 where id=113;

select\*from emp11;

select max(salary)from emp11;

select count(age) from emp11;

select\*from emp11 order by name asc;

select\*from emp11 where name like 'p%';

delete from emp11 where age=27;

select\*from emp11;

select name,address from emp11;

**JOINS**

create table stu1(name char(10),id int,dept char(10),grade char(5));

insert into stu1(name,id,dept,grade) values('xxx',20,'cse','a');

insert into stu1(name,id,dept,grade) values('aaa',22,'ece','d');

insert into stu1(name,id,dept,grade) values('bbb',23,'ai','b');

select\*from stu1;

create table prof(name char(10),p\_id int,dept char(10));

insert into prof(name,p\_id,dept) values('yyy',991,'ece');

insert into prof(name,p\_id,dept) values('zzz',998,'cse');

insert into prof(name,p\_id,dept) values('eee',994,'ece');

select\*from prof;

select\*from stu1 inner join prof on stu1.dept=prof.dept;

select\*from stu1 full outer join prof on stu1.dept=prof.dept;

select\*from stu1 left join prof on stu1.dept=prof.dept;

select\*from stu1 right join prof on stu1.dept=prof.dept;

**ONLINE SQL COMPILER**

select customer\_id ,first\_name from Customers where age>=25;

select\*from Shippings where status='Pending';

select\*from orders where item='Keyboard';

select Customers.customer\_id,Orders.item,Customers.first\_name from Customers inner join Orders on Customers.customer\_id=Orders.customer\_id;

select customer\_id,last\_name from Customers union all select customer\_id,item from Orders order by customer\_id;

select Customers.customer\_id,Customers.first\_name,Orders.item,Orders.amount,Shippings.status from Customers,Orders,Shippings where Customers.customer\_id=Shippings.customer;

select (customer\_id),country from Customers group by country order by (customer\_id) desc;

select count(customer\_id),country from Customers group by country order by count(customer\_id) desc;

select\*from Customers,Orders,Shippings;

select\*from Orders order by amount desc;

select min(age) from Customers where age=22;

select\*from Customers where Customers.customer\_id in (select max(customer\_id) from Orders);

select\*from Shippings where Shippings.shipping\_id in (select max(customer) from Shippings);