**How to add a primary key to the existing table:**Alter table Stinform ADD PRIMARY KEY(SNAME);  
2. **How to add a primary key to the existing table:**

**Alter table orderiins ADD Foreign key(ID) references customers(ID);**

**5.Check Constraint:**It is used to restrict the value of column between the range  
  
Syntax:  
Create table table\_name(Colname data type,col name data type check(Col name & condition);

Ex:  
Create table RTOFORM(AGE int Check(AGE>18),name varchar(25));  
Insert into RTOFORM(AGE,NAME)Values(15,'rajesh');

**6.Default:**

**1.It is used to set the default value  
 Syntax:  
Create table table\_name (Col\_name data type,col\_name data type Default’Value’)**

**Ex:  
Create table einfosrt(ID int, name varchar(25),City varchar(25) Default 'Pune');**

**Select \* from einfosrt;**

**Insert into einfosrt(ID,Name,City)Values(1,'Vishal','nagpur')**

**Insert into einfosrt(ID,Name)Values(2,'Vikrant');**

**JOINS:**

**Join is used to combine rows from two or more tables based on related column between them**

**TYPES OF JOINS:**

**1.INNER JOIN**

**2.LEFT JOIN**

**3.RIGHT JOIN**

**4.FULL JOIN**

**1.INNER JOIN:  
>> It will fetch the records that have matching values in both tables**

**Syntax:  
Select table\_name.col name1,col name2 table2 col1 col2   
From table name 1 INNER JOIN table name 2 ON Colname of first table= colname of second table  
  
Ex:**

**Select e.EMPID,e.FNAME,e.LNAME,d.did,d.deptname**

**From Employee e INNER JOIN Departments d ON e.did=d.did;**

**Select \* from Employee e INNER JOIN Departments d ON e.did=d.did;**

**2.LEFT JOIN:  
 It return all the records from the left table and matching records from the both table  
  
Syntax:  
  
Select table\_name.col name1,col name2 table2 col1 col2   
From table name 1 LEFT JOIN table name 2 ON Colname of first table= colname of second table**

**Ex:**

**Select e.EMPID,e.FNAME,e.LNAME,d.did,d.deptname**

**From Employee e LEFT JOIN Departments d ON e.did=d.did;**

**RIGHT JOIN:  
It returns all the record from the right table and matching records from the left table**

**Syntax:  
Select table\_name.col name1,col name2 table2 col1 col2   
From table name 1 RIGHT JOIN table name 2 ON Colname of first table= colname of second table  
  
Ex:**

**Select e.EMPID,e.FNAME,e.LNAME,d.did,d.deptname**

**From Employee e Right JOIN Departments d ON e.did=d.did;**

**4.FULL JOIN:  
It returns all the records from the both table  
Syntax:  
Select table\_name.col name1,col name2 table2 col1 col2   
From table name 1 FULL JOIN table name 2 ON Colname of first table= colname of second table**

**Ex:  
Select e.EMPID,e.FNAME,e.LNAME,e.did,d.did,d.deptname**

**From Employee e FULL JOIN Departments d ON e.did=d.did;**