* Select database() (CHECK CURRENT DB)
* Use Sarthak\_feature
* Create database Sarthak\_feature
* Int varchar
* Create table students (TABLE FORMATION)  
  (

Name varchar(55),

Age int

) ;

* Show tables
* Show databases
* Desc students; (students - table name) (SAME AS SHOW TABLE)
* Show columns from students;
* Drop table students; (del)
* Drop database Sarthak\_feature; (del)
* Insert into students

(name , age)

Values(‘VINAY’, 55)

* Select \* from students; (DATA SHOW)
* Show warnings
* Not null default ‘unnamed’
* Alter table students add class int; (ADD COL)
* Alter table students drop column class; (DEL COL)
* Primary key concept:-
* AUTO\_INCREMENT(unique id need not to be defined every time)
* Select \* from students where age = 25;(AGE IS COL NAME)
* **Update** students set age=23 where name = ‘RAMESH’;
* **Delete** from students where frame = ‘Narain’
* Select **distinct** name from students
* Select age from students **order** by age
* Select age from students **order** by age desc (DESCENDING ORDER)
* Select age from students **order** by age limit 3
* Select age from students age like %23%; (if string then enclose in quotes)
* Select max (age ) from students;
* Max(age ) , min(age) , sum(age) , avg(age)
* Select count (age) from students
* Select \* from students where age between 22 and 25
* //ly non between is there
* Select \* from students where age in (22, 25);
* Select concat (fname , ‘ ’, lname ) from students as fullname
* Same reverse alsp
* Char\_length , upper , lower
* Insert into students values (‘vinod’ , **curdate() , curtime(), now()**)
* Foreign key is a key used to link two tables together, Foreign key is a field in one table that refers to the primary key in another table.

Foreign key(cid) references customers(cid)

* **JOIN KEY**
* inner join

select records matching values of both tables

select \* from customers join orders on customers.cid=orders.cid;

* Left join

Returns all records from left table ant the matched records from right table

Select \* from customers left join orders on customers.cid=orders.cid

* Right join Opposite to left join