<http://www.treselle.com/blog/mysql-indexes-basicstypes-and-features/>

create database school1;

show databases;

use school1;

create table students(

id integer(20),

name varchar(50),

address varchar(50));

select \* from students;

insert into students values("1",'sachin','chippalkatti');

insert into students values("2",'Anish','shah');

insert into students values("3",'Anand','k');

desc students;

drop table students;

alter table students add constraint Student\_Primary\_constraints primary key (id);

create table phone(

id integer(20),

num varchar(20));

drop table phone;

select \* from phone;

insert into phone value(1,8949923456);

insert into phone value(2,8377473232);

insert into phone value(3,8983993933);

delete from phone WHERE id = 3 and num="9388493933";

update phone set id = 4 where num="9388493933";

alter table phone add constraint student\_phone\_for foreign key (id) references students (id);

desc phone;

create table email(

id integer(20),

email varchar(30));

select \* from email;

insert into email value(1,'sachin.chippalkatti@gmail.com');

insert into email value(2,'chippalkatti123@gamil.com');

alter table email add constraint Student\_Email\_Foreigen\_Constraint foreign key (id) references students (id);

desc email;

create table sports(

id integer(20),

name varchar(20));

select \* from sports;

insert into sports value(1,'cricket');

insert into sports value(2,'basketball');

insert into sports value(3,'TT');

create table student\_sprots(

studentid integer(20),

sports integer(20));

select \* from student\_sprots;

insert into student\_sprots value(1,1);

insert into student\_sprots value(1,2);

insert into student\_sprots value(1,3);

alter table student\_sprots add constraint studentid\_for foreign key (studentid) references students(id);

alter table student\_sprots add constraint sportsid\_for foreign key (sports) references sports(id);

alter table student\_sprots drop INDEX sportsid\_for;

select s.name , st.name from students s

left join student\_sprots ss on s.id = ss.studentid

left join sports st on ss.sports=st.id;

show tables;

select \* from user;

select \* from students;

select \* from phone;

select \* from email;

select \* from students\_email;

select \* from address\_history;

select \* from sports;

select \* from vehical;