1)

    use first;
    create table student(rollno int primary key ,sname varchar(20));
    desc student;

--->

rollno	int	NO	PRI
sname	Varchar (20)	YES	

Alter :

Modify :

1) use first;

create table student(rollno int primary key ,sname varchar(20));
alter table student
modify column sname varchar(50);
desc student;

----->

rollno	int	NO	PRI
sname	varchar(50)	YES	

2) use first;

create table student(rollno int primary key ,sname varchar(20));

alter table student

add column per double ;

desc student;

----->

rollno	int	NO	PRI
sname	varchar(50)	YES	
address	varchar(50)	YES	
per	double	YES	

Add :

1) use first ;

 table student add column mobile_no int (11);

desc student;

sname	varchar(50)	YES	
rollno	int	NO	PRI
per	double	YES	
mobile_no	int	YES	
address	varchar(50)	YES	

2) use first ;

alter table student add column state varchar (11);

desc student;

---→

rollno	int	NO	PRI
sname	varchar(50)	YES	
address	varchar(50)	YES	
per	double	YES	
mobile_no	int	YES	
state	varchar(11)	YES	

Drop:

1) use first ;

alter table student

drop column mobile_no;

desc student;

---→

rollno	int	NO	PRI
sname	varchar(50)	YES	
address	varchar(50)	YES	
per	double	YES	
state	varchar(11)	YES	

RENAME:

1) use first ;

alter table student

change sname std_name varchar(20);

desc student;

---→

rollno	int	NO	PRI
std_name	varchar(20)	YES	
address	varchar(50)	YES	
per	double	YES	
state	varchar(11)	YES	

2.use first;

alter table student

change rollno std_id int;

desc student;

---→

std_id	int	NO	PRI
std_name	varchar(20)	YES	
address	varchar(50)	YES	
per	int	YES	
state	varchar(11)	YES	

3.use first;

alter table student

change per std_per int;

desc student;

--->

std_id	int	NO	PRI
std_name	varchar(20)	YES	
address	varchar(50)	YES	
std_per	int	YES	
state	varchar(11)	YES	

Constraint :

NOT NULL

1)   use first;

alter table student

modify column std_id int not null;

describe student;

-->

std_id	int	NO	PRI
std_name	varchar(20)	YES	
address	varchar(50)	YES	
std_per	int	YES	
state	varchar(11)	YES	

2)   use first;

create table person(fname varchar (20) not null ,lname varchar (10) not null, pno int(11));

describe person;

--->

fname	varchar(20)	NO
lname	varchar(10)	NO
pno	int	YES

3) use first;

alter table person

modify column pno int(11) primary key not null ;

describe person;

--→

pno	int	NO	PRI
lname	varchar(10)	NO	
fname	varchar(20)	NO	

TASK

1. crate table student id as primary key .

-→ use first;

create table student(id int primary key , sname varchar(10),class varchar(10),age int ,city varchar (10));

desc student;

2. not null constraint :

-→ use first;

alter table student

modify column sname varchar(10) not null;

desc student;

3. not null constraint :

-→ use first;

alter table student

modify column age int not null;

desc student;

4.age >18 and <26:

-→ use first ;

alter table student

add constraint check_age check (age>=18 and age<=26);

desc student;

5.check class (fy,sy,ty)

-→ use first ;

alter table student

add constraint check_class check (class='fy'or class='sy'or class='ty');

desc student;