**DAY-5**

create table CityMaster (

CityID integer(4) primary key,

cityName varchar(255) default 'toronto’

);

create table persons(

ID integer(3),

LasteName varchar(255) NOT NULL,

FirstName Varchar(255),

Age integer(3),

CityID integer(4),

constraint pk\_persons primary key (ID),

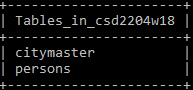
constraint ck\_persons check (age>=18),

constraint fk\_persons foreign key (CityID)

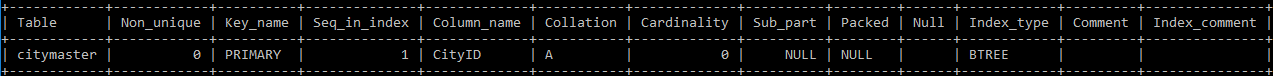
references CityMaster (CityID)

);

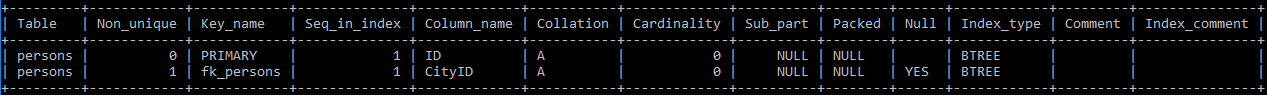
show tables;



show index from citymaster;

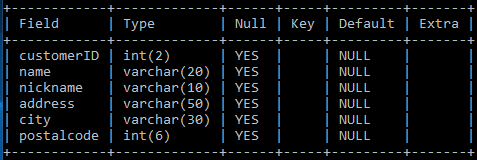


show index from persons;



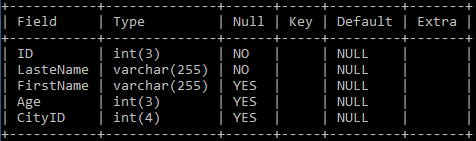
create table j1 AS select \* from c1;

desc j1;



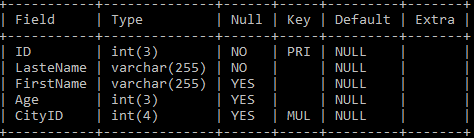
create table j2 AS select \* from persons;

desc j2;



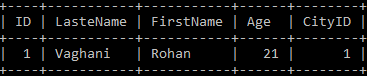
create table j3 like persons;

desc j3;



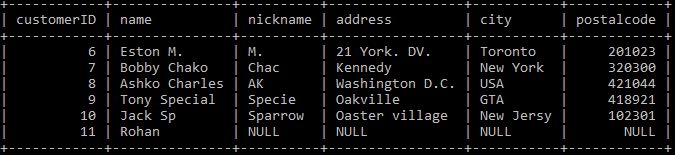
insert into j3 select \* from persons;

select \* from j3;



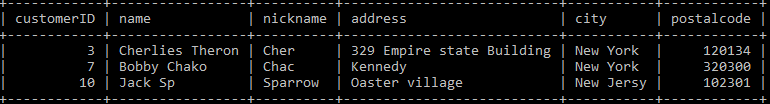
insert into j1 select \* from c1 where customerID>5;

select \* from j1;

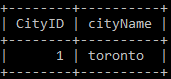


insert into j1 select \* from c1 where city like 'New%';

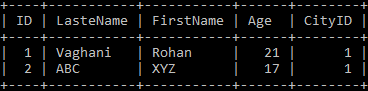
select \* from j1;



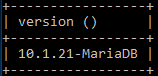
select \* from citymaster;



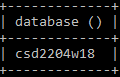
select \* from persons;



select version ();

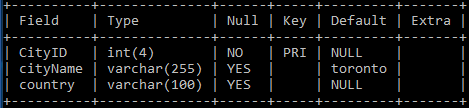


select database ();



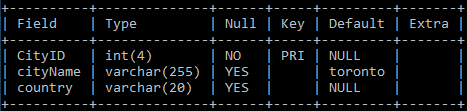
alter table citymaster add column country varchar(100);

desc citymaster;



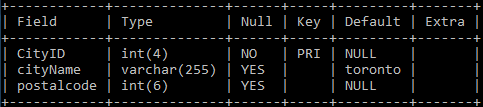
alter table citymaster modify column country varchar(20);

desc citymaster;



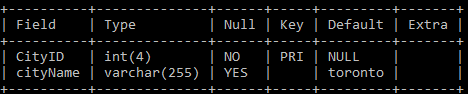
alter table citymaster change column country postalcode int(6);

desc citymaster;



alter table citymaster drop column postalcode;

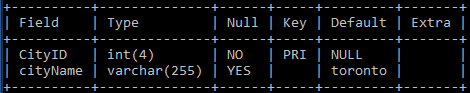
desc citymaster;



create table citytest AS select \* from citymaster;

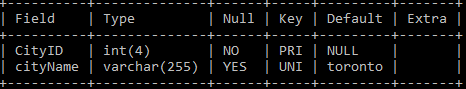
alter table citytest add primary key (CityID);

desc citytest;



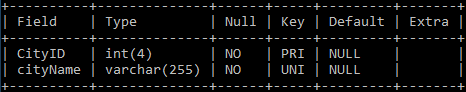
alter table citytest add constraint unique (cityName);

desc citytest;



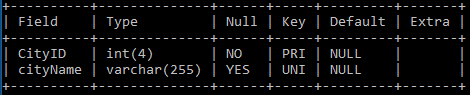
alter table citytest modify cityName varchar(255) not null;

desc citytest;



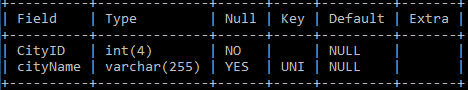
alter table citytest modify cityName varchar(255);

desc citytest;



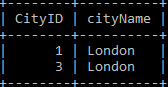
alter table citytest drop primary key;

desc citytest;



delete from citymaster where cityID=2;

select \* from citymaster;



drop table citytest;

show tables;

