# create database

create database demo1;

# use database

use demo1;

# create table

create table employee\_info(ename varchar(20), e\_id int, location varchar(10), age int );

# Verify table columns

desc employee\_info;

#CREATE DATABASE

create database QADB;

#DROP DATABASE

drop database QADB;

# insert values into table

insert into employee\_info values('John',235,'Paris',31);

select ename, e\_id, location,age from employee\_info;

insert into employee\_info values('Sam',741,'New Jersey',45,'male');

insert into employee\_info values('Peter',874,'Florida',41);

insert into employee\_info values('Ray',741,'Texax',36);

insert into employee\_info values('Mark',651,'Paris',29);

insert into employee\_info values('Henry',745,'Chicago',30);

select \* from employee\_info;

select age,ename from employee\_info;

desc employee\_info;

# adding column

alter table employee\_info add gender varchar(10);

#Modify column

alter table employee\_info modify gender varchar(15);

#Drop column

alter table employee\_info drop gender ;

# insert values into column

update employee\_info set gender='male';

# insert values into column to specific employee

update employee\_info set gender='female' where ename='Sam';

# to unique column values

select distinct ename from employee\_info;

select distinct location from employee\_info;

select \* from employee\_info where gender='female';

select \* from employee\_info where ename='John';

select \* from employee\_info where location='Florida';

select \* from employee\_info where location='Chicago' and age>30;

# and condition will filter both matching conditions

select \* from employee\_info where age>35 and gender='male';

#or condition will filter matching any one of the condition

select \* from employee\_info where location='Chicago' or age>40;

#in operator

select \* from employee\_info where e\_id in(235,651,741);

select \* from employee\_info where location in('Paris','Florida','Chicago');

#between operator

select \* from employee\_info where e\_id between 300 and 600;

select \* from employee\_info where age between 35 and 40;

use world;

#use regular expression % and \_

select \* from city;

#print city names starting with A

select \* from city where name like 'A%';

#print country code whose third letter is T

select CountryCode from city where CountryCode like '\_\_T%';

#Print COUNTRY CODE WHOSE SECOND LETTER IS ‘A’

select CountryCode from city where CountryCode like '\_A%';

# print Names whose second letter is m and fourth letter is a

select name from city where name like '\_m\_a%';

#print names with seven letters second letter m and fourth letter a

select name from city where name like '\_m\_a\_\_\_';

#sort

select \* from city order by District;

use demo1;

select \* from Employee\_info order by ename;

select \* from Employee\_info order by location;

select \* from Employee\_info order by age;

desc employee\_info;

select \* from Employee\_info order by age desc;

#Max keyword

select max(age) from Employee\_info;

use world;

select max(population) from country;

#min keyword

use demo1;

select min(age) from Employee\_info;

select min(population) from country;

#avg keyword

select avg(age) from Employee\_info;

select avg(population) from country;

#count

select count(ename) from Employee\_info;

select count(\*) from country;

#sum

select sum(population) from country;

use demo1;

select sum(age) from employee\_info;