show databases;

CREATE database assignment;

show databases;

use assignment;

CREATE TABLE Authors(AuthorId INTEGER primary key,

Name VARCHAR(70));

insert into Authors values(1,'J K Rowling');

insert into Authors values(2,'Thomas Hardy');

insert into Authors values(3,'Oscar Wilde');

insert into Authors values(4,'Sidney Sheldon');

insert into Authors values(5,'Alistair MacLean');

insert into Authors values(6,'Jane Austen');

select \* from authors;

insert into Authors values(7,'Chetan Bhagat');

insert into Authors values(8,'Sakuntala Devi');

select \* from authors;

update authors set name = "Alastair McNeal" where

authorid = 5;

select \* from authors;

CREATE TABLE Books(BookId INTEGER primary key,Title VARCHAR(50),

AuthorId INTEGER);

insert into Books values(1,'Harry Potter and the Philosopher\'s Stone',1);

insert into Books values(2,'Harry Potter and the Chamber of Secrets',1);

insert into Books values(3,'Harry Potter and the Half-Blood Prince',1);

insert into Books values(4,'Harry Potter and the Goblet of Fire',1);

insert into Books values(5,'Night Without End',5);

insert into Books values(6,'Fear is the Key',5);

insert into Books values(7,'Where Eagles Dare',5);

insert into Books values(8,'Sense and Sensibility',6);

insert into Books values(9,'Pride and Prejudice',6);

insert into Books values(10,'Emma',6);

insert into Books values(11,'Random Book',22);

select \* from books;

delete from books where bookid = 11;

select \* from books;

CREATE TABLE books1 select \* from books;

select \* from books1;

alter table books1 rename favbooks;

select \* from favbooks;

create table authors1 select \* from authors;

alter table authors1 rename favauthors;

DROP TABLE if exists SUPPLIERS;

CREATE TABLE suppliers(supplier\_id integer primary key,

supplier\_name varchar(70) not NULL,

location varchar(50) NOT NULL);

DROP TABLE if exists products;

CREATE TABLE if not exists products

(product\_id integer primary key,

product\_name varchar(70) not NULL unique,

description varchar(50) NOT NULL,

supplierId INTEGER,

foreign key (supplierid) references suppliers(supplier\_id));

DROP TABLE if exists stock;

CREATE TABLE if not exists stock

(stock\_id integer primary key,

productId INTEGER,

foreign key (productid) references products(product\_id),

balance\_stock integer);

alter table suppliers add constraint uc\_name

unique (supplier\_name);

drop table if exists employee;

create table if not exists employee

(empid integer, fname varchar(30), lname varchar(30),

deptid tinyint, salary decimal(10,2));

insert into employee values(100,'Jon','Hamm',10,2000);

insert into employee values(200,'Tom','Cruise', 10, 3000),(300,'Hugh','Laurie',20,7500),(400,'Tom','Hanks',30,750);

insert into employee values(500,'Johnny','Depp', 20, 1300),(600,'Hugh','Grant',30,850),(700,'Ben','Affleck',30,75),(800,'George','Clooney',10,10000);

insert into employee values(900,'Henry',Null, 10, 3000),(1000,'Gregory','House',20,3500);

insert into employee values(1100,'Jean','Hackman',10,2700);

alter table employee add column deptno integer;

alter table employee drop column deptno;

insert into employee values(339,'Tommy','Cruise1', 52, 3000),

(363,'Hughi','Laurie1',38,75000),

(625,'Tomii','Hankas',59,7500);

insert into employee values(484,'Johnnyy','Depp3', 52, 13000),

(489,'Hughyy','Grant3',89,8500),

(357,'Benon','Affleck3',34,750),

(850,'George','Clooney6',92,12050);

insert into employee values(962,'Hennery',Null, 56, 3200),

(982,'Gregory','Housey',78,35500);

insert into employee values(552,'Jeany','Hackmany',67,27850);

update employee set deptno = 20 where empid % 2 = 0;

set sql\_safe\_updates = 0;

select \* from employee;

update employee set deptno = 30 where empid % 3 = 0;

select \* from employee;

update employee set deptno = 40 where empid % 4 = 0;

select \* from employee;

update employee set deptno = 50 where empid % 5 = 0;

select \* from employee;

insert into employee values(553,'Jimmy','Hackmany5',76,27950,10);

update employee set deptno = 10 where EMPID = 553;

select \* from employee;

CREATE table employee4 select \* from employee;

select \* from employee4;

create index emidx on employee4 (empid);

select \* from employee4 where empid > 550;

create table employee5 select \* from employee;

delete from employee5 where EMPID = 553;

create unique index emdx on employee5 (empid);

select \* from employee5 where empid > 550;

create table employee6 select \* from employee5;

create unique index emidx using hash on employee6 (empid);

select \* from employee6 where empid > 550;