Assignment 2:

Q2:

create table student;

(rollno varchar(200),studentname varchar(200),marks int,subjectName varchar(200),division varchar(10),address varchar(200));

insert into student values ('s101','s1',80,'english','a','abc street');

insert into student values ('s102','s2',68,'hindi','b','xyz street');

insert into student values ('s103','s3',90,'marathi','a','def street');

insert into student values ('s104','s4',66,'maths','b','aac street');

insert into student values ('s105','s5',70,'science','a','pqr street');

insert into student values ('s106','s6',50,'english','c','abc1 street');

insert into student values ('s107','s7',45,'hindi','c','abc2 street');

insert into student values ('s108','s8',80,'marathi','a','abc3 street');

insert into student values ('s109','s9',90,'maths','a','abc4 street');

insert into student values ('s110','s10',84,'science','a','abc5 street');

select \* from student;

Q3:

select \* from student order by marks;

Q4:

insert into student values ('s101','s1',80,'english','a','abc street');

Q5:

1. The command is ‘create database [database name]’.
2. ‘show database’. This command lists all the databases so far have been created and exists in the currently connected server.
3. To view the list of tables, the command is ‘show tables’. It will list down all the tables which exists in the currently selected database.
4. To see the structure of any table, the command is ‘describe [table name]’. it will show all the column names along with their data type, constraints etc.

Q6:

Not found;

Q7:

create table countries(country\_id varchar(10),country\_name varchar(200),region\_id varchar(10));

describe countries;

Q8:

create table pupil

(seatno int primary key, name varchar(200),dob datetime,subject varchar(200),mks1 int, mks2 int);

insert into pupil values(1,'p1','2001-01-01','english',60,20);

insert into pupil values(2,'p2','2001-02-01','english',160,30);

insert into pupil values(3,'p3','2001-03-01','english',104,50);

insert into pupil values(4,'p4','2001-04-01','english',110,40);

insert into pupil values(5,'p5','2001-05-01','english',67,39);

insert into pupil values(6,'p6','2001-06-01','english',97,24);

insert into pupil values(7,'p7','2001-07-01','english',180,50);

insert into pupil values(8,'p8','2001-08-01','english',10,10);

insert into pupil values(9,'p9','2001-09-01','english',176,45);

insert into pupil values(10,'p10','2001-10-01','english',120,30);

Q8.1

select name,mks2 from pupil;

Q8.2

select mks1+mks2 'total-marks' from pupil;

Q8.3

select name,seatno from pupil where (mks1+mks2)>180;

Q8.4

select avg(mks1) 'avg\_marks1',avg(mks2) 'avg\_marks2' from pupil;

Q8.5

select \* from pupil order by seatno;

Q8.6

select \* from pupil order by subject desc;

Q9

create table employee

(eid int, firstname varchar(200),lastname varchar(200),emailid varchar(200),phno varchar(10),hiredate datetime,

jobid varchar(10),sal int, department varchar(100));

insert into employee values(1,'f1','l1','e1@live.com','9876543210','2001-01-01','j1',10000,'cs');

insert into employee values(2,'f2','l2','e2@live.com','1876543210','2001-02-01','j2',20000,'cs');

insert into employee values(3,'f3','l3','e3@live.com','2876543210','2001-03-01','j3',30000,'i.t.');

insert into employee values(4,'f4','l4','e4@live.com','3876543210','2001-04-01','j4',40000,'i.t.');

insert into employee values(5,'f5','l5','e5@live.com','4876543210','2001-05-01','j5',50000,'arts');

insert into employee values(6,'f6','l6','e6@live.com','5876543210','2001-06-01','j6',60000,'arts');

insert into employee values(7,'f7','l7','e7@live.com','6876543210','2001-07-01','j7',70000,'comm');

insert into employee values(8,'f8','l8','e8@live.com','7876543210','2001-08-01','j8',80000,'comm');

insert into employee values(9,'f9','l9','e9@live.com','8876543210','2001-09-01','j9',90000,'cs');

insert into employee values(10,'f10','l10','e10@live.com','9876543210','2001-10-01','j10',100000,'music');

Q9.1

Select \* from employee;

Q9.2

Describe employee;

Q9.3

select concat(firstname,lastname) 'employee name' from employee;

Q9.4

select concat(firstname,lastname) 'employee name' from employee where department = ‘cs’;

Q9.5

Select firstname , department from employee;

Q9.6

Select firstname, emailId from employee;

Q9.7

Select \* from employee order by firstname;