Exercise 1   DDL commands

1. Write the SQL queries using Data Definition Language (DDL) statements

Objective: To perform this practical need to use the below given DDL commands and create the following tables
DDL commands: create, alter and drop
Tables: student, student_marksheet, employee, emp_dept and emp_sal

The SQL syntax for table creation are given below

Primary key: The primary key of a relational table uniquely identifies each record in the table. It can either be a normal attribute that is guaranteed to be unique (such as Social Security Number in a table with no more than one record per person) or it can be generated by the DBMS (such as a globally unique identifier, or GUID, in Microsoft SQL Server). Primary keys may consist of a single attribute or multiple attributes in combination.

(i) Student table

(a)CREARE TABLE student (student number (int) (primary key),student name (varchar),student address (varchar),student dob (date and time), student branch (char).

Create database mydatabase

CREARE   TABLE   student(student_number   int,student_name varchar(30),student_address varchar(30),student_dob date, student_branch varchar(30));

(b) CREARE TABLE student_marksheet (student number (int) (primary key), student sem (int),student total marks (int).

CREARE TABLE table_name (column_name1 data_type, column_name2 data_type, column_name3 data_type…)

(ii) Employee table

(c) Create a table employee with emp number(int) (primary key),emp name(varchar),emp dob(date and time),emp address(varchar),emp deptno(int), emp sal int.

CREARE TABLE employee(emp_number int, emp_name varchar(30), emp_dob date, emp_address vrchar(30), emp_deptno int.

(d) Create a table emp dept with Emp number (int) (primary key),emp deptno(int),dept name(char)

CREARE TABLE emp_dept(emp_number int, empdept_name varchar(30), emp_deptno int.

(e) CREARE TABLE emp salary with emp number(int),doj (date),emp sal(big int).

CREARE TABLE table_name (column_name1 data_type, column_name2 data_type, column_name3 data_type…)

(f) Modify the table student mark sheet using the alter command

For modify the table syntax

ALTER TABLE table_name ADD column_name datatype

For modify the table syntax

ALTER TABLE table_name DROP COLUMN column_name datatype

(g) Remove the table emp salary using drop command

DROP TABLE table_name
table_name
Is the name of the table to be removed.