**EXPERIMENT 5**

**DDL COMMANDS (COLLEGE SCHEMA)**

**Aim:**

* Create a schema called College.
* Create tables for students (attributes: student id, name, gender, subject, marks and grade), faculty (attributes: faculty id, name, course and pass percentage), department (attributes: department id, name, section, strength and pass percentage) and activity (attributes: activity id, name, strength and category)
* Add and modify:

Address in students table, change datatype size of student name and make student id primary key

* Add faculty total mentor details, make faculty id as primary key
* Add number of students in wise in department table and make department id as primary key
* Add faculty name to activity table, change the datatype size of activity name and make activity id as primary key

**Code:**

CREATE SCHEMA BVRITH19wh1a0533;

CREATE TABLE student(std\_no INTEGER, std\_name varchar(20),gender varchar(10),subject varchar(20), marks INTEGER,grade varchar(10));

CREATE TABLE faculty(fac\_id INTEGER,fac\_name varchar(20),course varchar(20),pass\_percent INTEGER);

CREATE TABLE department(dept\_no INTEGER, dept\_name varchar(20),section varchar(10),no\_of\_stud INTEGER,pass\_percent INTEGER);

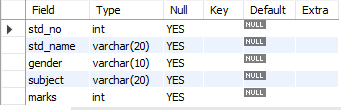
CREATE TABLE activity(act\_id INTEGER,act\_name varchar(20),no\_of\_stud\_opt INTEGER,category varchar(20));

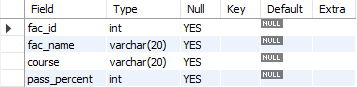
desc student;

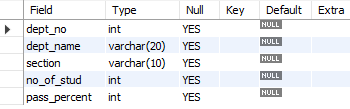
desc faculty;

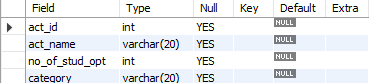
desc department;

desc activity;









ALTER TABLE student ADD(Address varchar(40), PRIMARY KEY(std\_no));

ALTER TABLE student MODIFY std\_name varchar(30);

ALTER TABLE faculty ADD(Mentor\_details varchar(40), PRIMARY KEY(fac\_id));

ALTER TABLE department ADD(No\_of\_stud\_wise INTEGER ,PRIMARY KEY(dept\_no));

ALTER TABLE activity MODIFY act\_name varchar(30);

ALTER TABLE Activity ADD(fac\_name varchar(30),PRIMARY KEY(act\_id));

Alter table student rename column std\_no to stud\_no;

Alter table student drop gender;

desc student;

desc faculty;

desc department;

desc activity;

