```sql
#DDL 4 operations 1.create, alter, drop,
truncate

#DML select, insert, update,
delete



#first lab work

#activity to design a university management system using ddl commands (create, alter,
and drop) in mysql.

CREATE DATABASE
UniversityDB;


USE
UniversityDB;



CREATE TABLE
Departments (
    DeptID INT PRIMARY KEY
    AUTO_INCREMENT,

    DeptName VARCHAR(100) NOT
    NULL

);



#professors tabel







CREATE TABLE Professors (
    ProfID INT PRIMARY KEY AUTO
```

```sql
    INCREMENT,

    ProfName VARCHAR(100) NOT
    NULL,

    DeptID
    INT,

    Salary
    DECIMAL(10,2),

    FOREIGN KEY (DeptID) REFERENCES Departments
    (DeptID)
);



    );

    #courses tabel


    CREATE TABLE Courses
    (
        CourseID INT PRIMARY KEY AUTO_INCREMENT,

        CourseName VARCHAR(100) NOT
        NULL,

        DeptID INT,

        FOREIGN KEY (DeptID) REFERENCES Departments
        (DeptID)


    #students tabel
```

```sql
CREATE TABLE Students (




);
    StudentID INT PRIMARY KEY
    AUTO_INCREMENT,

    StudentName VARCHAR(100) NOT
    NULL,

    Age INT,

    DeptID
    INT,

    FOREIGN KEY (DeptID) REFERENCES Departments
    (DeptID)



#Enrollments Table (relationship between Students &
Courses)
```