DATA BASE MANAGEMENT SYSTEM

**LAB EXPERIMENTS.**

Ex.No. 1

Date:03/05/2023.

**DDL Commands – CREATE, ALTER, DROP**

**Aim:**

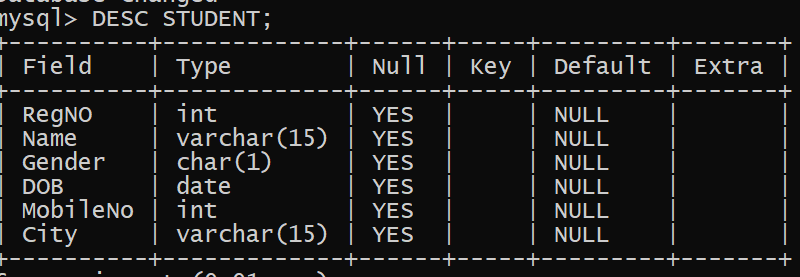
To Create, Alter and Drop the table using Data Definition Language.

**Questions:**

1) Create a table name STUDENT with following structure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Column |  |  |  |
| # | Name | Description | Data Type |  |
|  |  |  |
|  |  | Registration |  |  |
| 1 | RegNo | Number | NUMBER(3) |  |
| 2 | Name | Student Name | VARCHAR(15) |  |
|  |  | Gender of the |  |  |
| 3 | Gender | student | CHAR(1) |  |
| 4 | DOB | Date of Birth | DATE |  |
| 5 | MobileNo | Mobile Number | NUMBER(10) |  |
| 6 | City | Location of stay | VARCHAR(15) |  |

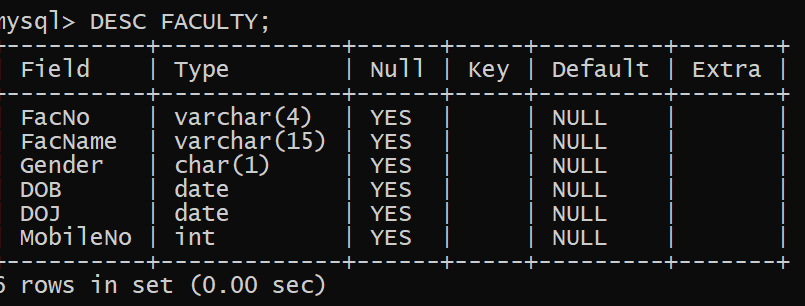
**OUTPUT:**

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2) Create a table name FACULTY with following structure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Column |  |  |  |
| # | Name | Description | Data Type |  |
|  |  |  |
| 1 | FacNo | Faculty Identifier | VARCHAR(4) |  |
| 2 | FacName | Faculty Name | VARCHAR(15) |  |
| 3 | Gender | Gender of faculty | CHAR(1) |  |
| 4 | DOB | Date of Birth | DATE |  |
| 5 | DOJ | Date of Join | DATE |  |
| 6 | MobileNo | Mobile Number | NUMBER(10) |  |

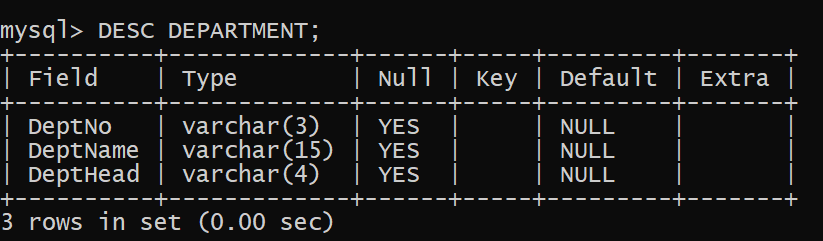
**OUTPUT:**

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3) Create a table name DEPARTMENT with following structure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Column |  |  |  |
| # | Name | Description | Data Type |  |
|  |  |  |
| 1 | DeptNo | Department Identifier | VARCHAR(4) |  |
| 2 | DeptName | Department Name | VARCHAR(15) |  |
| 3 | DeptHead | Department Head | VARCHAR(4) |  |

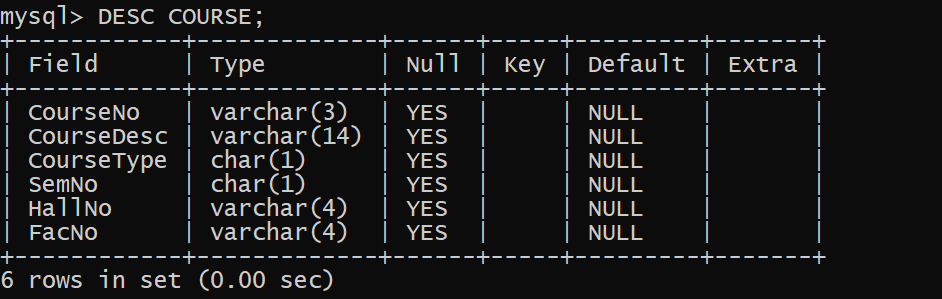
**OUTPUT:**

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Column |  |  |  |
| # | Name | Description | Data Type |  |
|  |  |  |
| 1 | CourseNo | Course Identifier | VARCHAR(3) |  |
|  |  | Course |  |  |
| 2 | CourseDesc | Description | VARCHAR(14) |  |
| 3 | CourseType | Course Type | CHAR(1) |  |
| 4 | SemNo | Semester Number | CHAR(1) |  |
| 5 | HallNo | Hall Number | VARCHAR(4) |  |
| 6 | FacNo | Faculty Identifier | VARCHAR(4) |  |

4) Create a table name COURSE with following structure.

**OUTPUT:**

****

1. Modify the table FACULTY by adding a column name DeptNo of datatype VARCHAR(4).

**OUTPUT:**

