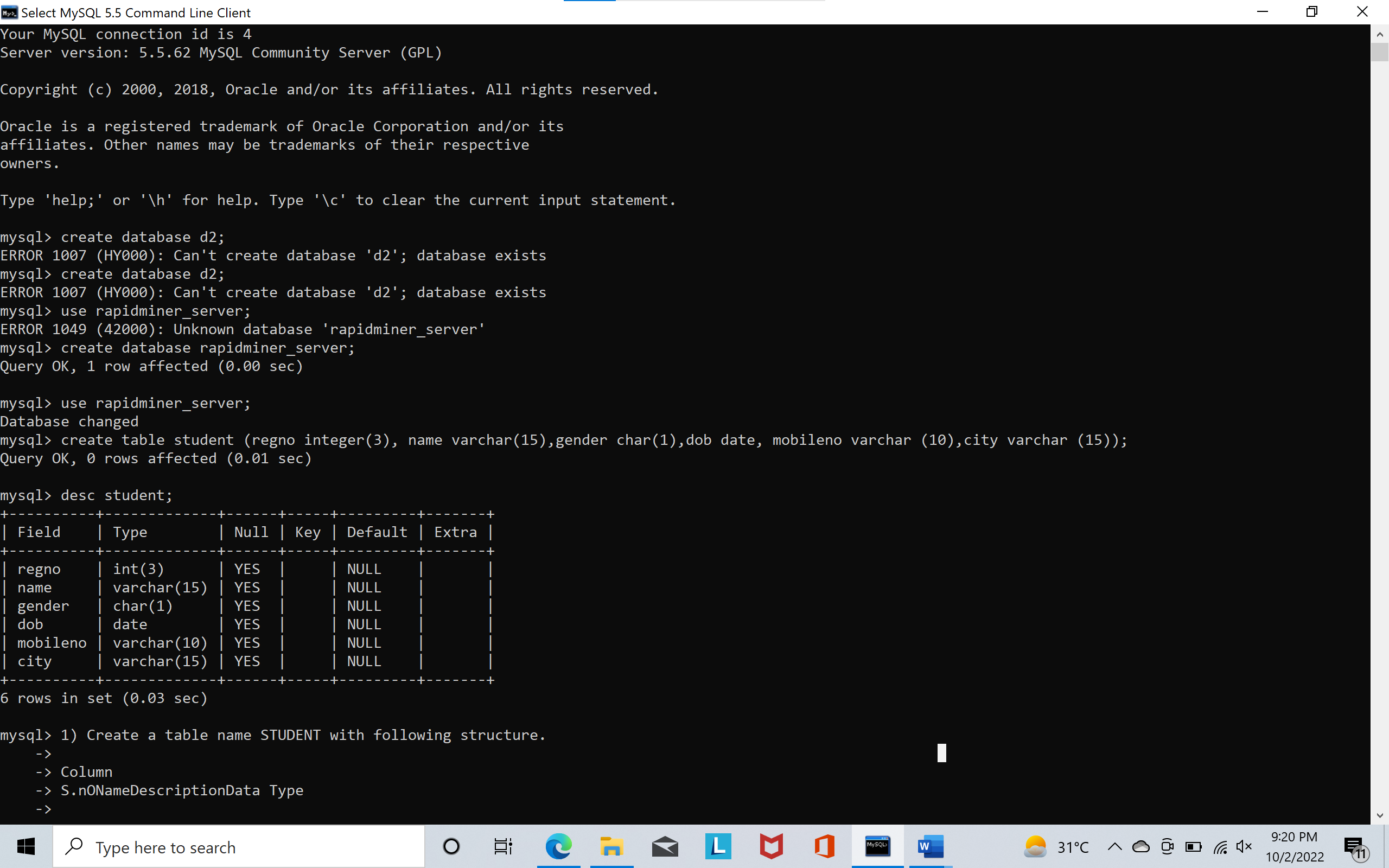
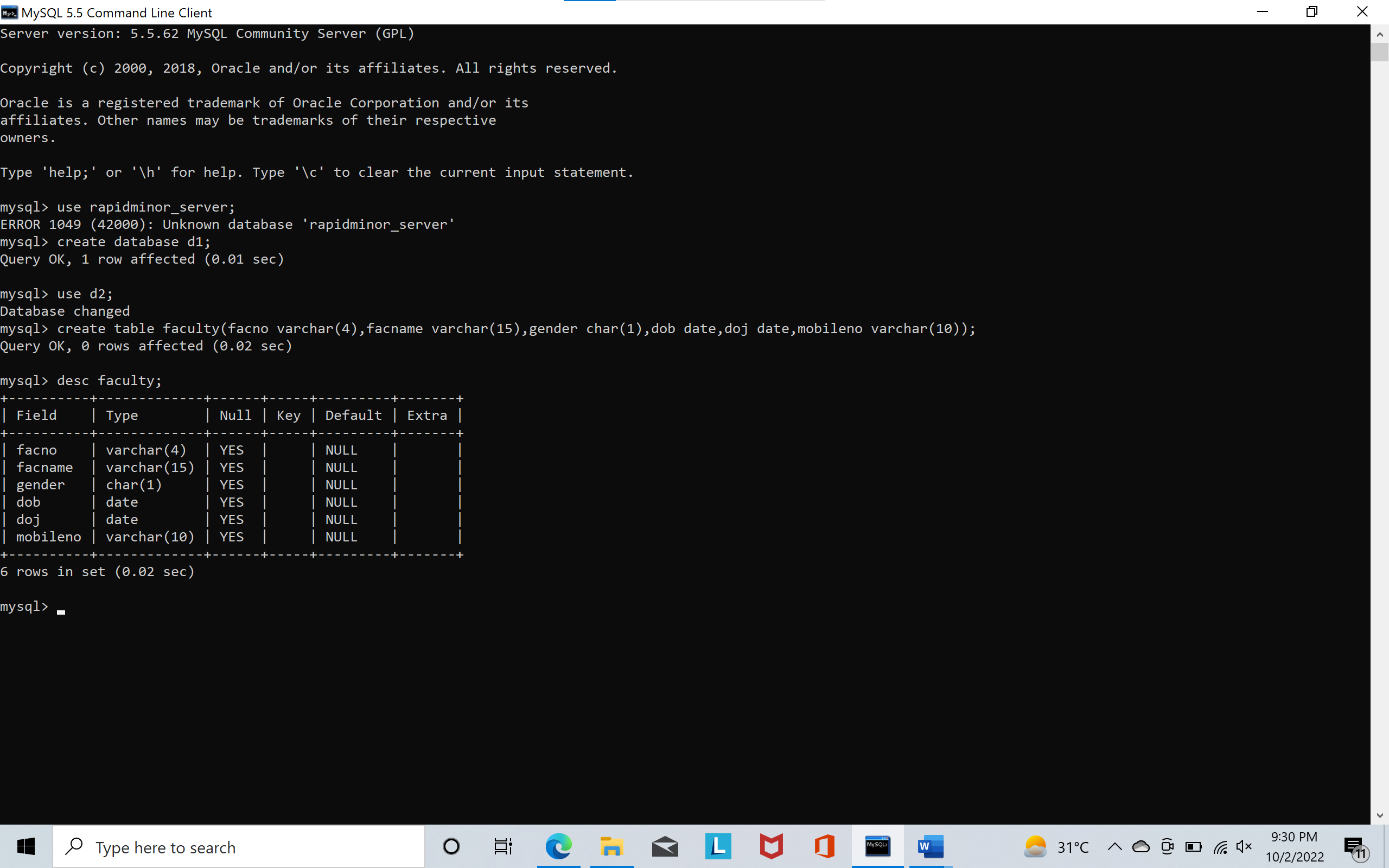
1) Create a table name STUDENT with following structure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Column** |  |  |  |
| **S.nO** | **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) |  |



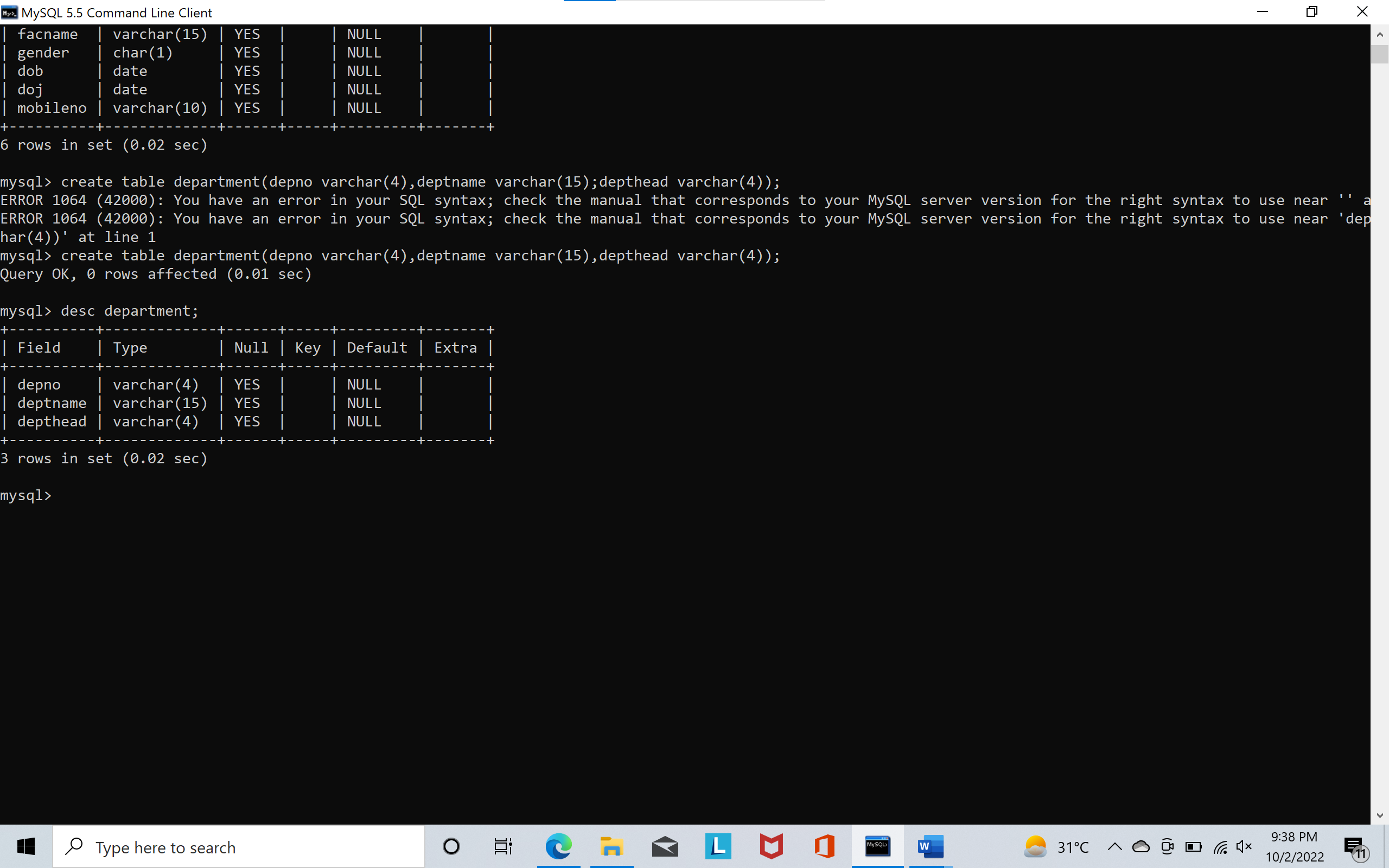
2) Create a table name FACULTY with following structure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Column** |  |  |  |
| **S.nO** | **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) |  |
|  |  |  |  |  |



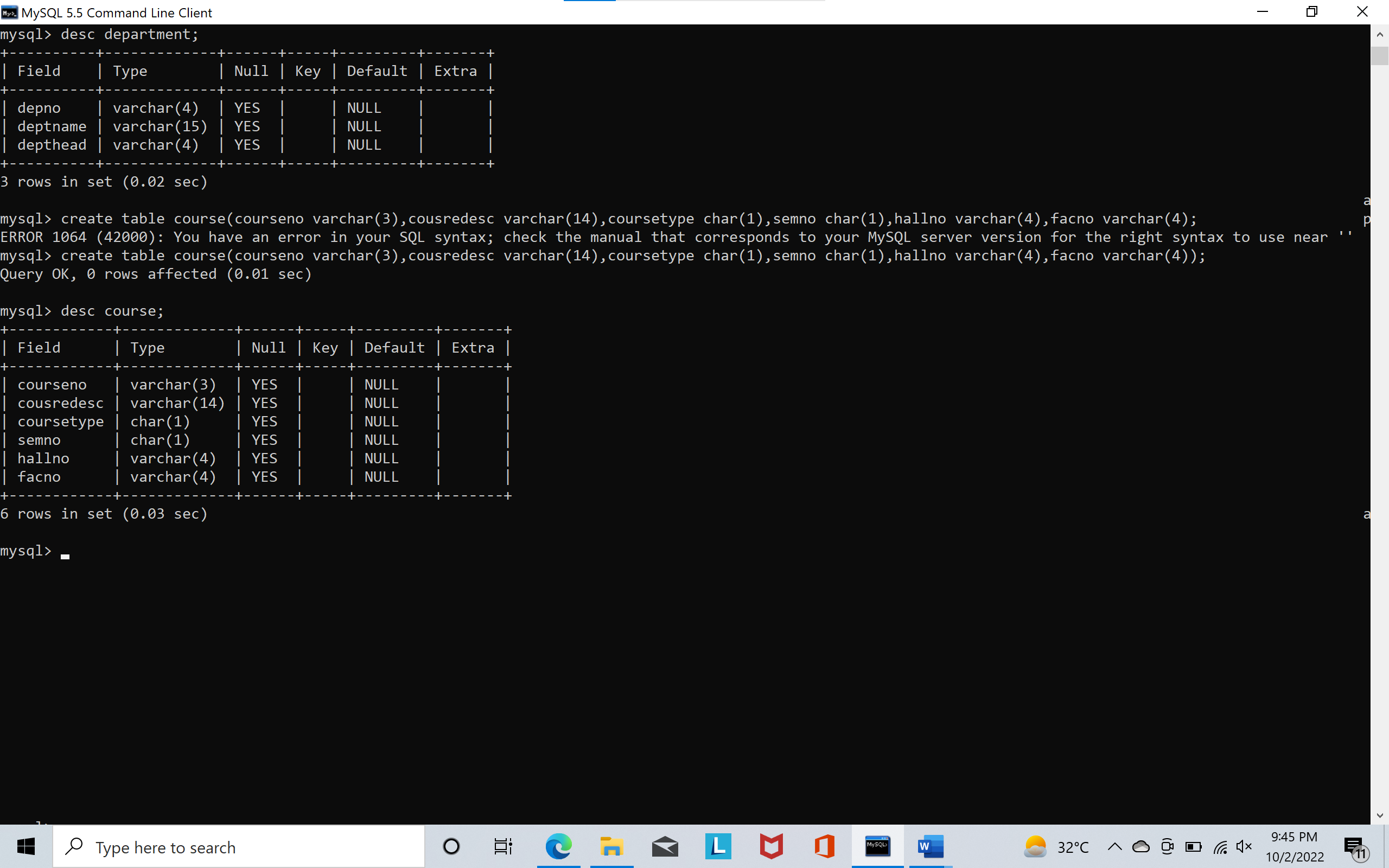
3) Create a table name DEPARTMENT with following structure.

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

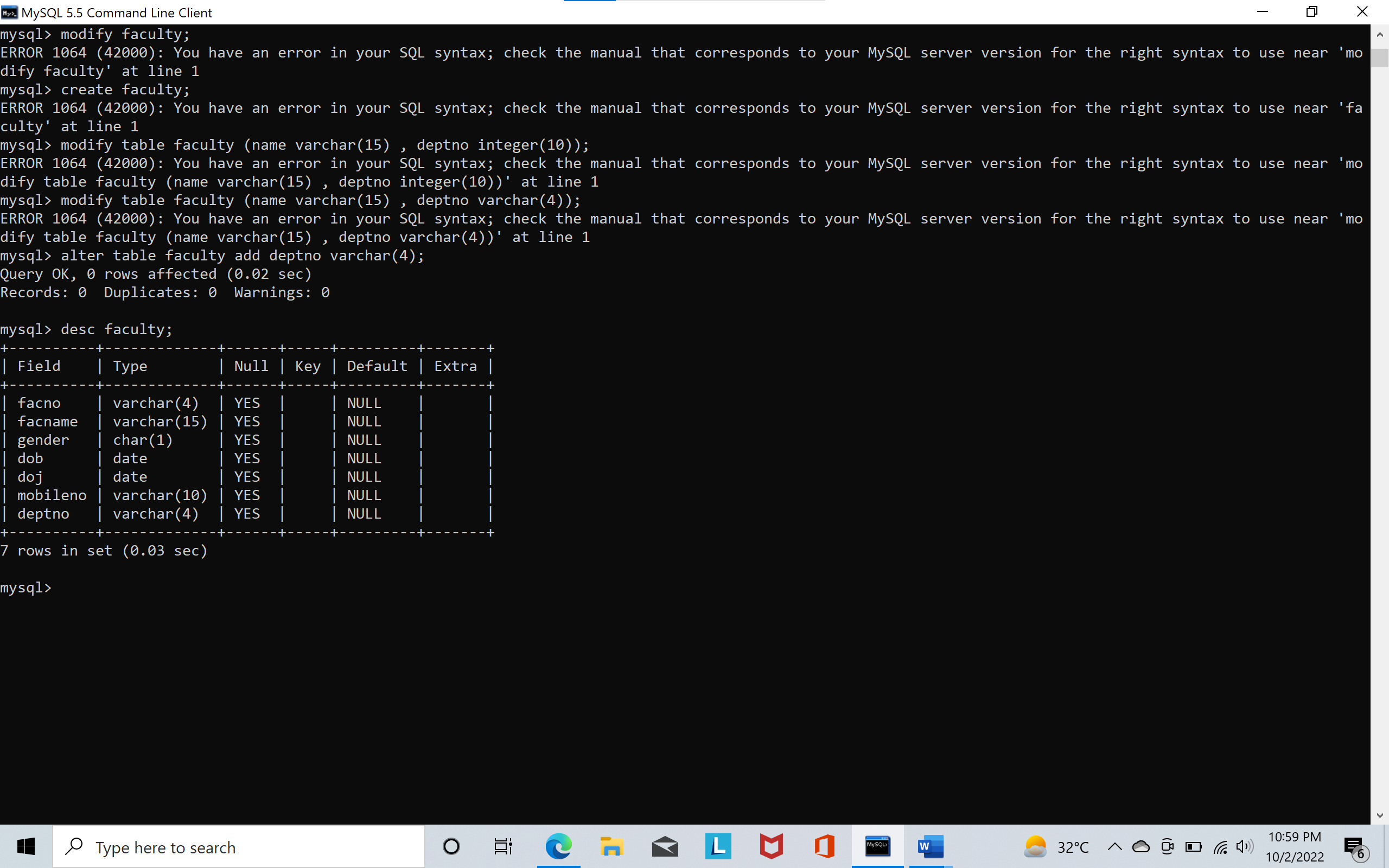


4) Create a table name COURSE with following structure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Column** |  |  |  |
| **S.nO** | **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) |  |



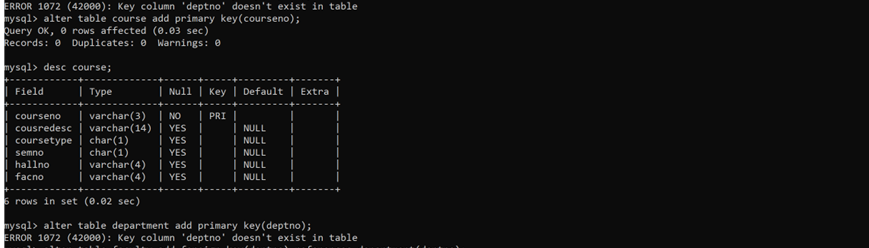
5)Modify the table FACULTY by adding a column name DeptNo of datatype VARCHAR(4)



|  |
| --- |
| **Ex,no 2. DDL Commands with Constraints – PRIMARY, FOREIGN KEY, UNIQUE,CHECK** |
|  |

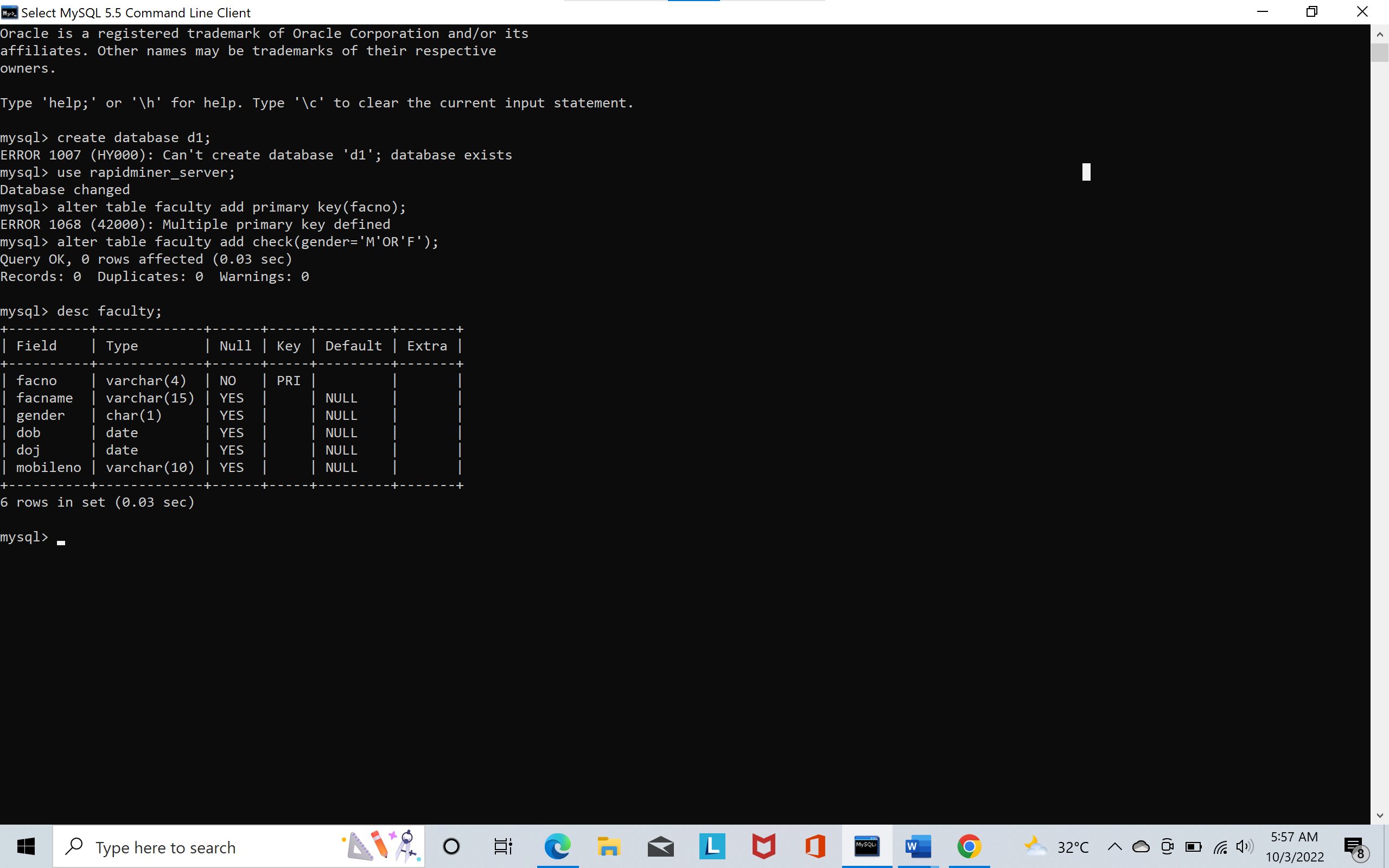
1. Alter the table STUDENT with following structure.

|  |  |  |
| --- | --- | --- |
| S.No | Column | Constraints |
| 1 | RegNo | PRIMARY KEY |
| 2 | MobileNo | NotNull |



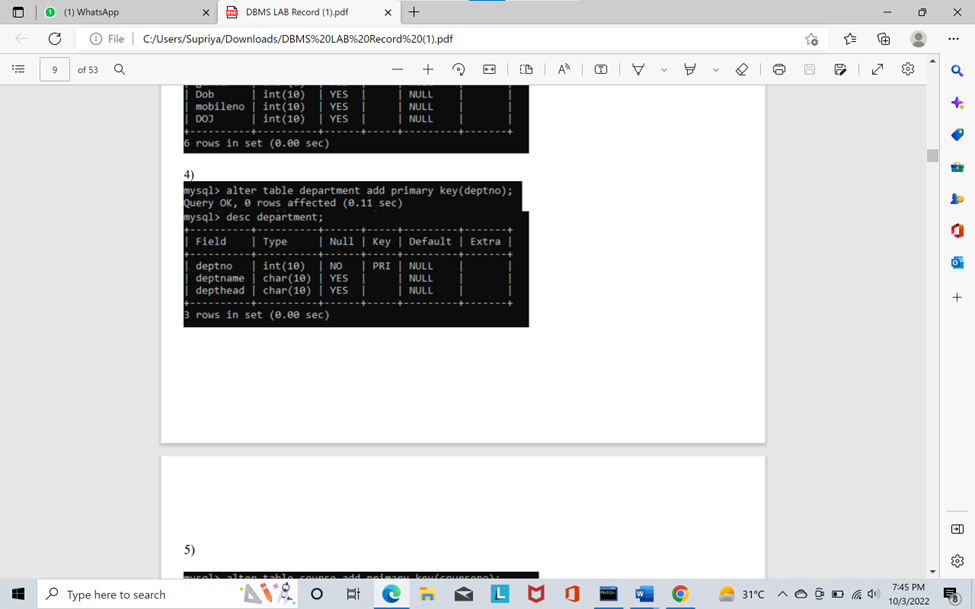
1. Alter the table name FACULTY with following structure. The DeptNo in this table refers the DeptNo in the DEPARTMENT table.

|  |  |  |
| --- | --- | --- |
| S.No | Column | Constraints |
| 1 | FacNo | PRIMARY KEY |
| 2 | Gender | Check ‘M’ or ‘F’ |



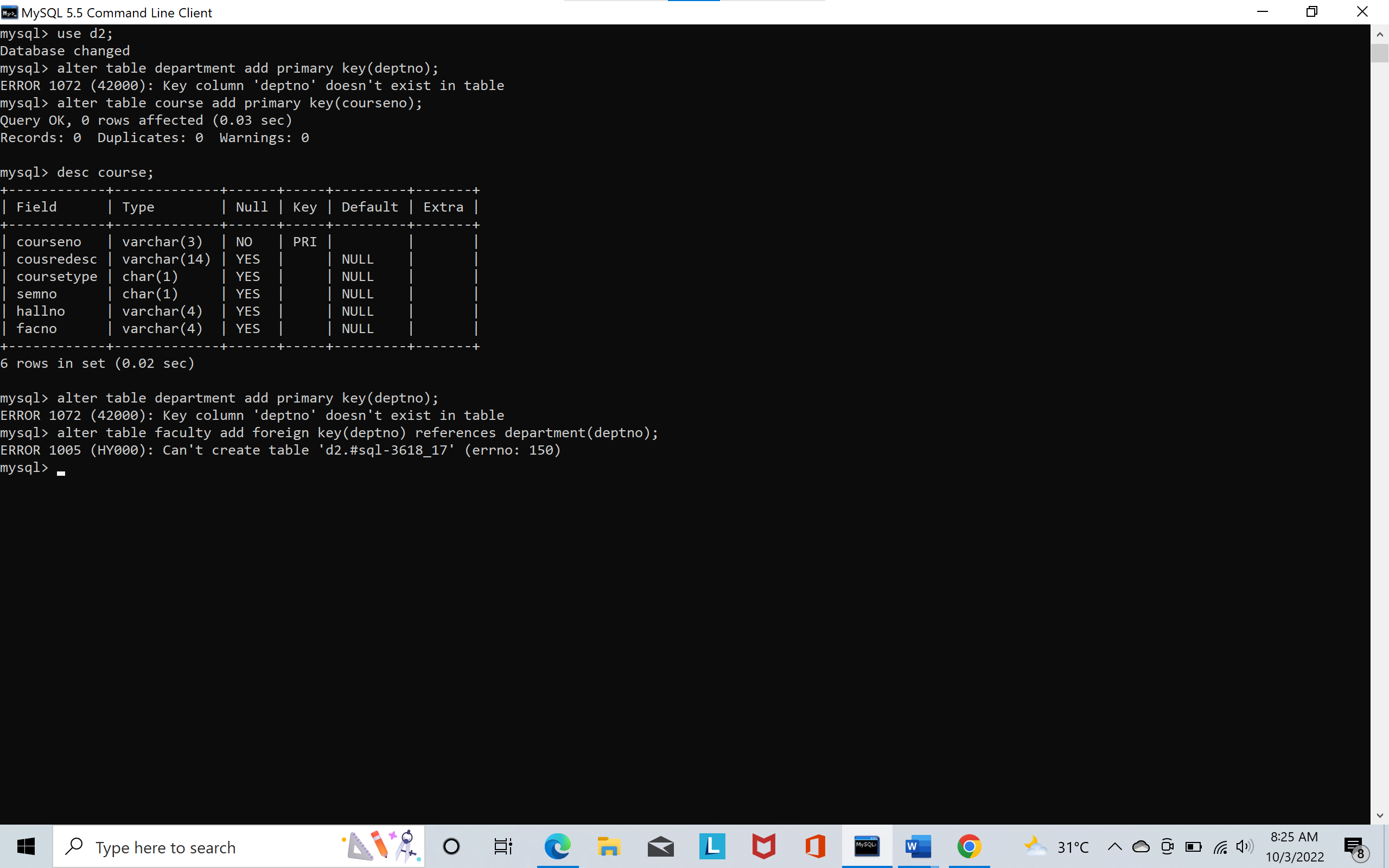
4)Alter the table name DEPARTMENT with following structure.

|  |  |  |
| --- | --- | --- |
| S.No | Column | Constraints |
| 1 | DeptNo | PRIMARY KEY |



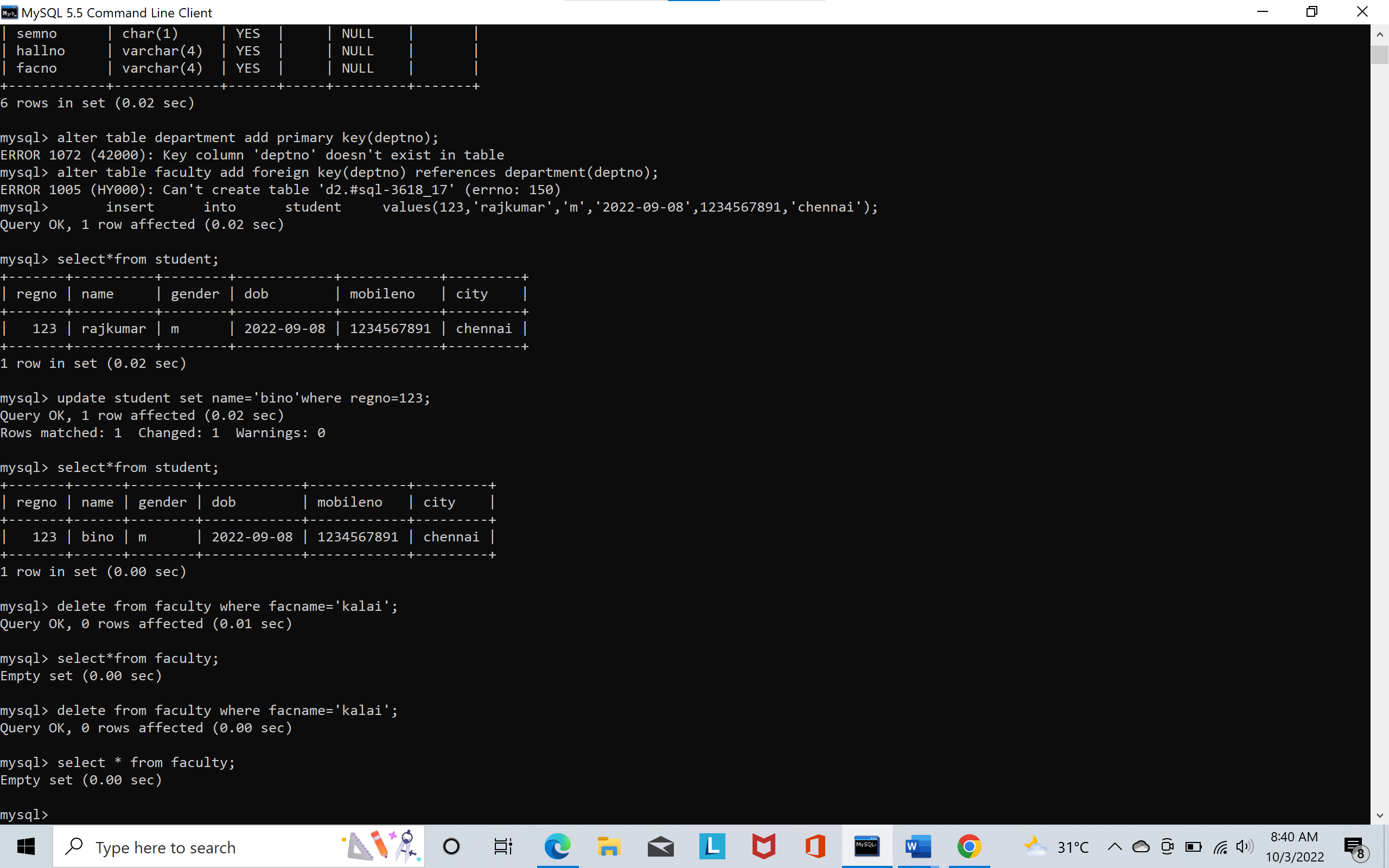
5)Alter the table name COURSE with following Structure

|  |  |  |
| --- | --- | --- |
| S.No | Column | Constraints |
| 1 | CourseNo | PRIMARY KEY |
| 2 | SemNo | 1 to 6 |



|  |
| --- |
| **Ex.No 3 DML Commands – INSERT, SELECT, UPDATE, DELETE** |

1. Populate all the five tables with your own data



2.Update the value of student name whose register number is ‘191711342’

