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| **Ex,no 2. DDL Commands with Constraints – PRIMARY, FOREIGN KEY, UNIQUE,CHECK** |
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| 1. Alter the table STUDENT with following structure.  |  |  |  | | --- | --- | --- | | S.No | Column | Constraints | | 1 | RegNo | PRIMARY KEY | | 2 | MobileNo | NotNull |   mysql> alter table faculty add primary key(facno);  Query OK, 0 rows affected (0.1 sec)  Records: 0 Duplicates: 0 Warnings: 0  mysql> alter table student modify mobileno integer(10) not null;  Query OK, 0 rows affected (0.1 sec)  Records: 0 Duplicates: 0 Warnings: 0   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’ |   mysql> alter table faculty add primary key(facno);  Query OK, 0 rows affected (0.11 sec)  Records: 0 Duplicates: 0 Warnings: 0  mysql> alter table faculty add check(gender='M' or 'F');  Query OK, 0 rows affected (0.05 sec)  Records: 0 Duplicates: 0 Warnings: 0   1. Alter the FACULTY table is successfully created, test if you add a constraint FOREIGN KEY to the DeptNo of this table.   mysql> alter table faculty add foreign key(deptno) references department(deptno);  Query OK, 0 rows affected (0.01 sec)  Records: 0 Duplicates: 0 Warnings: 0  4)Alter the table name DEPARTMENT with following structure.   |  |  |  | | --- | --- | --- | | S.No | Column | Constraints | | 1 | DeptNo | PRIMARY KEY |   mysql> alter table department add primary key(deptno);  Query OK, 0 rows affected (0.1 sec)  Records: 0 Duplicates: 0 Warnings: 0   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |   5. Alter the table name COURSE with following Structure   |  |  |  | | --- | --- | --- | | S.No | Column | Constraints | | 1 | CourseNo | PRIMARY KEY | | 2 | SemNo | 1 to 6 |   **mysql> alter table course add primary key(courseno);**  **Query OK, 0 rows affected (0.01 sec)**  **Records: 0 Duplicates: 0 Warnings: 0**  **mysql> alter table course add check (semno between 1 and 6);**  **Query OK, 0 rows affected (0.01 sec)**  **Records: 0 Duplicates: 0 Warnings: 0** |