

EXP 3 PRIMARY, FOREIGN, CHECK

PRIMARY KEY:

```
Command Prompt - mysql -u root -p
ERROR 1072 (42000): Key column 'fathername' doesn't exist in table
mysql> alter table student add primary key(REGno);
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student
-> desc student;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'line 2' at line 2
mysql> desc student;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| REGno | int  | NO   | PRI | NULL    |       |
| Name  | char(15) | YES |     | NULL    |       |
| gender | char(1) | YES |     | NULL    |       |
| DOB   | int   | YES |     | NULL    |       |
| Mobilen | int  | YES |     | NULL    |       |
| DEPT  | char(10) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
```

CHECK AND FOREIGN KEY:

```
Command Prompt - mysql -u root -p
+-----+-----+-----+-----+-----+-----+
| DOJ   | int  | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> alter table course add check(semno>=1&&semno<=5);
Query OK, 0 rows affected, 1 warning (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 1

mysql> desc course
-> desc course;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'c course' at line 2
mysql> desc course;
+-----+-----+-----+-----+-----+-----+
| Field      | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| courseno   | int  | YES  |     | NULL    |       |
| coursetype | char(1) | YES  |     | NULL    |       |
| semno      | int  | YES  |     | NULL    |       |
| roomno     | int  | YES  |     | NULL    |       |
| Facno      | int  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

```
Command Prompt - mysql -u root -p
mysql> ^C
mysql> alter table faculty add check(gender='M'or'F');
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc faculty;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ID     | int  | YES  |     | NULL    |       |
| FacName | char(15) | YES  |     | NULL    |       |
| gender | char(1) | YES  |     | NULL    |       |
| Dob    | int  | YES  |     | NULL    |       |
| Phoneno | int  | NO   | PRI | NULL    |       |
| DOJ    | int  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
```



Search



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09-01-2023