

Experiment No.3

Nehaam Khan – 12
CSE(IOT & CSBT)

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computer@computer: ~  
File Edit View Search Terminal Help  
(base) computer@computer:~$ sudo mysql -u root -p  
[sudo] password for computer:  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 4  
Server version: 5.7.42-0ubuntu0.18.04.1 (Ubuntu)  
  
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affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| Anjali |  
| Employee |  
| IOT |  
| Neha |  
| TEST |  
| aadi |  
| aadii |  
| aaditya |  
| arpit |  
| dwm_prac |  
| gopal |  
| jonathan |  
| mysql |  
| performance_schema |  
| shivam |  
| sys |  
| tamanna |  
| virus |  
| yosh |  
| yoshita |  
+-----+  
21 rows in set (0.01 sec)  
  
mysql> create database Nehaam;  
Query OK, 1 row affected (0.01 sec)  
  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| Anjali |
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mysql> create database Nehaam;  
Query OK, 1 row affected (0.01 sec)  
  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| Anjali |  
| Employee |  
| IOT |  
| Neha |  
| Nehaam |  
| TEST |  
| aadi |  
| aadii |  
| aaditya |  
| arpit |  
| dwm_prac |  
| gopal |  
| jonathan |  
| mysql |  
| performance_schema |  
| shivam |  
| sys |  
| tamanna |  
| virus |  
| yosh |  
| yoshita |  
+-----+  
22 rows in set (0.00 sec)  
  
mysql> use Nehaam  
Database changed  
mysql> mysql>CREATE TABLE student(rollno int(3),name varchar(20),address varchar(50));  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right synta  
x to use near 'CREATECREATE TABLE student(rollno int(3),name varchar(20),address varchar(50))' at line 1  
mysql> mysql> CREATE TABLE student(rollno int(3),name varchar(20),address varchar(50));  
Query OK, 0 rows affected (0.02 sec)  
  
mysql> DESC student;  
+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+  
| rollno | int(3) | YES | | NULL | |  
| name | varchar(20) | YES | | NULL | |  
| address | varchar(50) | YES | | NULL | |  
+-----+  
3 rows in set (0.01 sec)  
  
mysql> ALTER TABLE student ADD branch varchar(15);
```

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mysql> DESC student;
+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+
| rollno | int(3)        | YES  |     | NULL    |       |
| name   | varchar(20)   | YES  |     | NULL    |       |
| address | varchar(50)   | YES  |     | NULL    |       |
+-----+
3 rows in set (0.01 sec)

mysql> ALTER TABLE student ADD branch varchar(15);
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> DESC student;
+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+
| rollno | int(3)        | YES  |     | NULL    |       |
| name   | varchar(20)   | YES  |     | NULL    |       |
| address | varchar(50)   | YES  |     | NULL    |       |
| branch | varchar(15)   | YES  |     | NULL    |       |
+-----+
4 rows in set (0.00 sec)

mysql> MODIFY TABLE student ADD branch varchar(15);
[1]+  Stopped                  sudo mysql -u root -p
(base) computer@computer:~$ sudo mysql -u root -p
[sudo] password for computer:
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 5
Server version: 5.7.42-0ubuntu0.18.04.1 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use Nehaam
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> ALTER TABLE student MODIFY name varchar(30)
-> ;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use Nehaam
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> ALTER TABLE student MODIFY name varchar(30)
-> ;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> DESC student;
+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+
| rollno | int(3)        | YES  |     | NULL    |       |
| name   | varchar(30)   | YES  |     | NULL    |       |
| address | varchar(50)   | YES  |     | NULL    |       |
| branch | varchar(15)   | YES  |     | NULL    |       |
+-----+
4 rows in set (0.00 sec)

mysql> ALTER TABLE student MODIFY rollno int(5) primarykey;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right synta
x to use near 'primarykey' at line 1
mysql> ALTER TABLE student MODIFY rollno int(5)primarykey;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right synta
x to use near 'primarykey' at line 1
mysql> ALTER TABLE student MODIFY rollno int(5) primary key;
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> DESC student;
+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+
| rollno | int(5)        | NO   | PRI | NULL    |       |
| name   | varchar(30)   | YES  |     | NULL    |       |
| address | varchar(50)   | YES  |     | NULL    |       |
| branch | varchar(15)   | YES  |     | NULL    |       |
+-----+
4 rows in set (0.00 sec)

mysql> DROP TABLE student;
Query OK, 0 rows affected (0.01 sec)

mysql> DESC student;
ERROR 1146 (42S02): Table 'Nehaam.student' doesn't exist
mysql>
```