

## Practical No.3

```
C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe

mysql> CREATE DATABASE Medical_store;
Query OK, 1 row affected (0.01 sec)

mysql>
mysql> use Medical_store;
Database changed
mysql>
mysql> CREATE TABLE IF NOT EXISTS `Customer` (
  -> `Customer_id` varchar(255) NOT NULL PRIMARY KEY,
  -> `Name` varchar(255) NOT NULL,
  -> `Contact_no` bigint(10) unsigned NOT NULL,
  -> `Address` varchar(255) NOT NULL
  -> );
Query OK, 0 rows affected (0.06 sec)

mysql>
mysql> Describe Customer;
+-----+-----+-----+-----+-----+-----+
| Field      | Type                | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Customer_id | varchar(255)         | NO   | PRI | NULL    |       |
| Name        | varchar(255)         | NO   |     | NULL    |       |
| Contact_no  | bigint(10) unsigned  | NO   |     | NULL    |       |
| Address     | varchar(255)         | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.02 sec)

mysql>
mysql> ALTER TABLE Customer RENAME TO Customer_details;
Query OK, 0 rows affected (0.02 sec)

mysql>
mysql> ALTER TABLE Customer_details DROP Address;
Query OK, 0 rows affected (0.13 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql>
mysql> ALTER TABLE Customer_details ADD email_id varchar(255);
Query OK, 0 rows affected (0.14 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql>
mysql> Describe Customer_details;
+-----+-----+-----+-----+-----+-----+
| Field      | Type                | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Customer_id | varchar(255)         | NO   | PRI | NULL    |       |
| Name        | varchar(255)         | NO   |     | NULL    |       |
| Contact_no  | bigint(10) unsigned  | NO   |     | NULL    |       |
| email_id    | varchar(255)         | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.02 sec)
```

## Practical No.4

```
C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe
mysql> INSERT INTO Staff VALUES('NH02','Nanette Hoover',8814929959,'slowS@lmon99',531459017385,TRUE);
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Staff VALUES('UT03','Ula Tarkington',8913711779,'mi$tyBerry35',248370154512,FALSE)
Query OK, 1 row affected (0.03 sec)

mysql> INSERT INTO Staff VALUES('RT04','Rheba Turpen',7211999015,'lazyFi$h21',358098909053,FALSE);
Query OK, 1 row affected (0.03 sec)

mysql> INSERT INTO Staff VALUES('TM05','Tommye Massingill',9812300788,'slowW!sh34',499876350021,FALSE)
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Staff VALUES('PG06','Paula Girard',7637372081,'ligh+Kitten66',976291988239,FALSE);
Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO Staff VALUES('FM07','Flo Manly',9121654682,')ampStamp92',140272000796,FALSE);
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Staff VALUES('NU08','Norman Udell',9559042450,'3mptyCorn70',895940309446,FALSE);
Query OK, 1 row affected (0.03 sec)

mysql> INSERT INTO Staff VALUES('CU09','Carlos Ullrich',8082700837,'gian+Ivory71',260099565825,TRUE);
Query OK, 1 row affected (0.03 sec)

mysql> INSERT INTO Staff VALUES('MG10','Myron Geary',8354862423,'d!zzyCamel64',831235006125,FALSE);
Query OK, 1 row affected (0.01 sec)

mysql>
mysql>
mysql> UPDATE Staff
  -> SET Contact_no = 9876543210
  -> WHERE Staff_id LIKE '%10';
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql>
mysql> SELECT Name , Contact_no,Adhar_no,Is_Admin
  -> FROM Staff
  -> WHERE Is_Admin = TRUE;
```

| Name           | Contact_no | Adhar_no     | Is_Admin |
|----------------|------------|--------------|----------|
| Carlos Ullrich | 8082700837 | 260099565825 | 1        |
| Nanette Hoover | 8814929959 | 531459017385 | 1        |

## Practical No.5

```
C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe
mysql> SELECT *
-> FROM Staff
-> WHERE Is_Admin = TRUE;
+-----+-----+-----+-----+-----+-----+
| Staff_id | Name           | Contact_no | Password      | Adhar_no | Is_Admin |
+-----+-----+-----+-----+-----+-----+
| CU09     | Carlos Ullrich | 8082700837 | gian+Ivory71  | 260099565825 | 1        |
| NH02     | Nanette Hoover | 8814929959 | slowS@lmon99  | 531459017385 | 1        |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
mysql> SELECT DISTINCT Medicine_form
-> FROM Medicine_list ;
+-----+
| Medicine_form |
+-----+
| Tablets       |
| Cream         |
| Syrup         |
| Capsules      |
| Drops         |
+-----+
5 rows in set (0.00 sec)

mysql>
mysql> SELECT Name
-> FROM Customer
-> WHERE EXISTS (SELECT *
->               FROM Bill
->               WHERE Customer.Customer_id = Bill.C_id);
+-----+
| Name |
+-----+
| Betsy Colson |
| Cathy Rivet  |
| Dannie Nye   |
| Dee Tomasello |
| Emanuel Weitz |
| Faith Miyashiro |
| Iluminada Dull |
| Josefina Barriere |
| Jacqueline Popp |
| Ludivina Spilman |
| Maryjane Beedle |
| Margareta Burrell |
| Marion Marc  |
| Micki Subia  |
| Rosenda Quinney |
| Terrence Tamayo |
| Zelma Murguia |
+-----+
```

```
C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe

mysql>
mysql> SELECT Name , Contact_no,Adhar_no,Is_Admin
      -> FROM Staff
      -> WHERE Staff_id LIKE 'N%';
+-----+-----+-----+-----+
| Name          | Contact_no | Adhar_no  | Is_Admin |
+-----+-----+-----+-----+
| Nanette Hoover | 8814929959 | 531459017385 | 1        |
| Norman Udell   | 9559042450 | 895940309446 | 0        |
+-----+-----+-----+-----+
2 rows in set (0.02 sec)

mysql>
```

```
C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe

mysql>
mysql> SELECT DISTINCT(C_Name)
      -> FROM Bill
      -> WHERE Doctor_Name IN ('Dr.Lissa Shawl','Dr.Coralie Redwood','Dr.Naida Sarabia');
+-----+
| C_Name          |
+-----+
| Jacqueline Popp  |
| Dannie Nye      |
| Iluminada Dull   |
| Margareta Burrell |
+-----+
4 rows in set (0.00 sec)

mysql>
mysql> SELECT Drug_Name, Price
      -> From Medicine_list
      -> WHERE Price IN (SELECT MAX(Price)
      ->                               From Medicine_list);
+-----+-----+
| Drug_Name | Price |
+-----+-----+
| Levetiracetam | 1987 |
+-----+-----+
1 row in set (0.03 sec)

mysql>
mysql> SELECT Drug_Name, Price
      -> From Medicine_list
      -> WHERE Price IN (SELECT MIN(Price)
      ->                               From Medicine_list);
+-----+-----+
| Drug_Name | Price |
+-----+-----+
| Allopurinol | 24    |
+-----+-----+
1 row in set (0.05 sec)

mysql>
mysql>
```

```
C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe
mysql>
mysql> SELECT Drug_Name, Price
      -> From Medicine_list
      -> WHERE Price <100 AND Price >0;
+-----+-----+
| Drug_Name | Price |
+-----+-----+
| Rosuvastatin | 53 |
| Sertraline | 76 |
| Alprazolam | 80 |
| Fluconazole | 88 |
| Allopurinol | 24 |
| Acyclovir | 76 |
| Finasteride | 67 |
+-----+-----+
7 rows in set (0.00 sec)

mysql>
```

## Practical No.6

```
C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe
mysql>
mysql> SELECT B_id,Bill_Date,C_Name, SUM(Quantity*Price_per_peice)
-> FROM Bill
-> WHERE Bill_Date = '2017-08-19'
-> GROUP BY B_id;
+-----+-----+-----+-----+
| B_id | Bill_Date | C_Name | SUM(Quantity*Price_per_peice) |
+-----+-----+-----+-----+
| 5 | 2017-08-19 | Dannie Nye | 25421 |
| 6 | 2017-08-19 | Betsy Colson | 21485 |
| 7 | 2017-08-19 | Faith Miyashiro | 7205 |
| 8 | 2017-08-19 | Josefine Barriere | 1222 |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
mysql> SELECT Drug_Name, Price,Expd
-> From Medicine_list
-> ORDER BY Expd
-> LIMIT 10 ;
+-----+-----+-----+
| Drug_Name | Price | Expd |
+-----+-----+-----+
| Cetirizine | 382 | 2018-01-01 |
| Propranolol | 799 | 2018-01-04 |
| Meloxicam | 204 | 2018-01-09 |
| Travoprost | 1001 | 2018-01-11 |
| Insulin Lispro | 1083 | 2018-01-12 |
| Risedronate | 1839 | 2018-01-15 |
| Valsartan | 1887 | 2018-01-28 |
| Rosuvastatin | 53 | 2018-02-03 |
| Furosemide | 1927 | 2018-02-05 |
| Liraglutide | 1837 | 2018-02-09 |
+-----+-----+-----+
10 rows in set (0.00 sec)

mysql>
mysql> SELECT B_id,Bill_Date,C_Name, SUM(Quantity*Price_per_peice),Doctor_Name
-> FROM Bill
-> GROUP BY B_id
-> HAVING Doctor_Name = 'Dr.Kerry Gaudin';
+-----+-----+-----+-----+-----+
| B_id | Bill_Date | C_Name | SUM(Quantity*Price_per_peice) | Doctor_Name |
+-----+-----+-----+-----+-----+
| 15 | 2017-08-24 | Ludivina Spilman | 11395 | Dr.Kerry Gaudin |
| 25 | 2017-08-31 | Dee Tomasello | 12942 | Dr.Kerry Gaudin |
+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)

mysql>
```