



# MY SQL

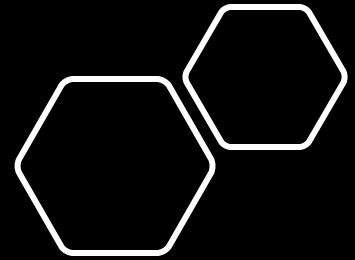


***BY-***

***ADITYA***

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***ROLL NO: 06; CLASS XII- A***



# AN INTRODUCTION



# MY SQL

```
Users\pramehta3>mysql -uroot -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 10
Server version: 10.1.35-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> create database learn_php;
Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use learn_php;
Database changed
MariaDB [learn_php]> create table student(id int not null primary key, name varchar(255),mobile varchar(15),email varchar(255));
Query OK, 0 rows affected (0.02 sec)

MariaDB [learn_php]> desc student;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id    | int(11)       | NO   | PRI | NULL    |       |
| name  | varchar(255)  | YES  |     | NULL    |       |
| mobile| varchar(15)   | YES  |     | NULL    |       |
| email | varchar(255)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

MariaDB [learn_php]> insert into student(name,mobile,email)values('Pradip Mehta','9716449790','pradipmehta10@gmail.com');
Query OK, 1 row affected, 1 warning (0.01 sec)

MariaDB [learn_php]> select * from student;
+-----+-----+-----+-----+
| id | name          | mobile    | email                               |
+-----+-----+-----+-----+
| 0  | Pradip Mehta | 9716449790 | pradipmehta10@gmail.com           |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

# MY SQL

- A database is a separate application that stores a collection of data. Each database has one or more distinct APIs for creating, accessing, managing, searching and replicating the data it holds.
- MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company.

```
mysql> use mysql;
Database changed
mysql> show databases;
+-----+
| Database |
+-----+
| mysql |
+-----+
mysql> create database testdb;
Query OK, 1 row affected (0.00 sec)

mysql> use testdb;
Database changed
mysql> create table student(id int not null primary key, name varchar(255), mobile varchar(15), email varchar(255));
Query OK, 0 rows affected (0.02 sec)

mysql> show tables;
+-----+
| Tables_in_testdb |
+-----+
| student |
+-----+
mysql> insert into student(name,mobile,email)values('Pradip Netha','9716489790','pradipnetha@gmail.com');
Query OK, 1 row affected, 1 warning (0.01 sec)

mysql> select * from student;
+----+-----+-----+-----+
| id | name | mobile | email |
+----+-----+-----+-----+
| 1 | Pradip Netha | 9716489790 | pradipnetha@gmail.com |
+----+-----+-----+-----+
```

# MY SQL

## BENEFITS:-

- MySQL is released under an open-source license. So you have nothing to pay to use it.
- MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.
- MySQL uses a standard form of the well-known SQL data language.
- MySQL works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA, etc.
- MySQL works very quickly and works well even with large data sets.
- MySQL is very friendly to PHP, the most appreciated language for web development.

# Some common codes



## TO CREATE A NEW DATABASE

- `CREATE DATABASE <NAME>;`

## TO CREATE A NEW TABLE

- `CREATE TABLE <TABLE_NAME>  
-->(<COLUMN_NAME> <DATA_TYPE>;`

## TO VIEW EXISTING TABLES

- `SHOW TABLES;`
-





***THANK YOU***