**How to start mysql**

First, to connect to MySQL command line, do the following from your operating system prompt.

# mysql -u root -p

Password:

To view all available databases.

mysql> SHOW DATABASES;

Creating a database

CREATE DATABASE database name;

create database kukredb;

Use the database where you want to work on

MySQL use database is used to select database.

USE kukretdb;

**MySQL CREATE TABLE**

The MySQL CREATE TABLE command is used to create a new table into the database. A table creation command requires three things:

* Name of the table
* Names of fields
* Definitions for each field

Syntax:

Following is a generic syntax for creating a MySQL table in the database.

**CREATE TABLE table\_name (column\_name column\_type...);**

**Example**

**CREATE TABLE EMP(name VARCHAR(100) NOT NULL,**

**code INT NOT NULL , desig VARCHAR(40) NOT NULL, salary**

**INT NOT NULL);**

**See the created table:**

**Use the following command to see the table already created:**

**SHOW tables;**

**See the table structure:**

**Use the following command to see the table already created:**

**DESCRIBE EMP;**

**MySQL INSERT Statement**

**MySQL INSERT statement is used to insert data in MySQL table within the database. We can insert single or multiple records using a single query in MySQL.**

**Syntax:**

**The SQL INSERT INTO command is used to insert data in MySQL table. Following is a generic syntax:**

**INSERT INTO table\_name ( field1, field2,...fieldN )**

**VALUES ( value1, value2,...valueN );**

**Field name is optional. If you want to specify partial values, field name is mandatory.**

**Syntax for all fields:**

**INSERT INTO table\_name VALUES ( value1, value2,...valueN );**

**Example**

**INSERT INTO EMP VALUES ( 'Sanjay', 101,’manager’,78000);**

**INSERT INTO EMP VALUES ( 'Kukreti', 102,’manager’,98000);**

**INSERT INTO EMP VALUES ( 'Amit', 103,’cleark’,28000);**

**MySQL SELECT Statement**

**The MySQL SELECT statement is used to fetch data from the one or more tables in MySQL. We can retrieve records of all fields or specified fields.**

**Syntax for specified fields:**

**SELECT expressions FROM tables[WHERE conditions];**

**Syntax for all fields:**

**SELECT \* FROM tables [WHERE conditions];**

**Example1:**

**SELECT name,salary FROM EMP;**

**Example 2:**

**for all fields**

**In such case, we can specify either all fields or \* (asterisk) symbol.**

**SELECT \* FROM EMP;**