**Create, Select, and Drop a Database**

Creation of table and inserting value

CREATE TABLE eproduct (ID bigint primary key auto\_increment,

name varchar(100),

price decimal(10,2),

date\_added timestamp default now());

INSERT INTO eproduct(name,price) values('HP', 12000) ;

INSERT INTO eproduct(name,price) values('Acer', 14000) ;

INSERT INTO eproduct(name,price) values( 'Lenovo', 12000) ;

HTML File

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<a href="createselectdrop">Databaseoperation</a><br>

</body>

</html>

Connection class

package com.connect;

import java.sql.Connection;

import java.sql.DriverManager;

public class DbConnection {

public static Connection getConnection()

{

Connection con = null;

try

{

Class.forName("com.mysql.cj.jdbc.Driver");

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/mphasis", "root", "sonikaSHETTY#17");

}

catch(Exception ex)

{

System.out.println(ex);

}

return con;

}

}

**Servlet Page**

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.SQLException;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import com.connect.DbConnection;

/\*\*

\* Servlet implementation class createselectdrop

\*/

*@WebServlet*("/createselectdrop")

public class createselectdrop extends HttpServlet {

private static final long ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

public createselectdrop() {

super();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

try {

Connection conObj = DbConnection.*getConnection*();

Statement state = conObj.createStatement();

state.executeUpdate("INSERT INTO eproduct(name,price) values( 'Len', 12000)");

out.print("inserted\n");

state.executeUpdate("ALTER TABLE `mphasis`.`new\_table` CHANGE COLUMN `course` `course` VARCHAR(45)");

out.print("updated\n");

state.executeUpdate("create database mydatabase");

out.println("Created database: mydatabase<br>");

state.executeUpdate("use mydatabase");

out.println("Selected database: mydatabase<br>");

state.executeUpdate("Drop database mphasis");

out.print("Drop Done\n");

}catch (SQLException e) {

e.printStackTrace();

}

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// **TODO** Auto-generated method stub

doGet(request, response);

}

}