Insertion, Updation, and Deletion of Database Records

Table creation and adding values

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 PAGE

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<a href="insertupdatedelete">insertupdatedelete operation</a><br>

</body>

</html>

CONNECTION CLASS

package com.connect;

import java.sql.\*;

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", "sonika");

}

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;

import com.mysql.\*;

/\*\*

\* Servlet implementation class insertupdatedelete

\*/

*@WebServlet*("/insertupdatedelete")

public class insertupdatedelete extends HttpServlet {

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

/\*\*

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

\*/

public insertupdatedelete() {

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( 'intel', 12000)");

out.print("inserted\n");

state.executeUpdate("ALTER TABLE `mphasis`.`new\_table` CHANGE COLUMN `course` `course` VARCHAR(45) not null");

out.print("updated\n");

state.executeUpdate("delete from eproduct where name= 'Dell' ");

out.print("Deleted\n");

}

catch (SQLException e) {

e.printStackTrace();

}

}

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

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

doGet(request, response);

}

}