

## DB Connection Class:

```
package com.product.connection;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;

public class DBConnection {
    private Connection connection;
    public DBConnection(String url,String username,String password) throws
ClassNotFoundException, SQLException {
        Class.forName("com.mysql.jdbc.Driver");
        connection= DriverManager.getConnection(url,username,password);
    }
    public Connection getConnection() {
        return this.connection;
    }

    public void closeConnection() throws SQLException {
        if(this.connection!=null)
        {
            this.connection.close();
        }
    }
}
```

## Demo Servlet

```
package com.product.demo;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.ResultSet;
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.product.connection.DBConnection;

/**
 * Servlet implementation class ListData
 */
@WebServlet("/ListData")
public class ListData extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * Default constructor.
     */
    public ListData() {
```

```

        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
    response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse
    response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        String url = "jdbc:mysql://localhost:3306/product";
        String username = "root";
        String password = "root123";
        boolean st=false;

        PrintWriter out=response.getWriter();
        out.println("<html><body>");
        try {
            DBConnection db=new DBConnection (url,username,password);
            Connection connection =db.getConnection();

            Statement st1= connection.createStatement();

            //
            if(true) {
            ResultSet set=      st1.executeQuery("select * from product_29 where name=16");
            //
            //out.println("data sucessfully feached");
            //
            while(set.next())
            {
                int name=set.getInt("name");
                String place=set.getNString("place");
                out.println("product id"+      name+"                "+"product
name"+      place+" "+"<br/>");
                out.println("data sucessfully feached");
            }

            st1.close();
            out.println("</body></html>");
            db.closeConnection();
        } catch ( SQLException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        } catch (ClassNotFoundException e) {
            // TODO Auto-generated catch block
            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);
    }
}

```

## HTML

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="ListData" method="get">
<fieldset>
enter product id:<input type="text" name="name">
<br></br>

<br></br>
<button>Submit</button>

</fieldset>

</form>
</body>
</html>
```