

Code For Retrieving Data

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>

<form action="Database" method="post">
Product Id<input type="text" name="ProductId">
<input type="submit" Value="Search">
</form>
</body>
</html>
```

```
package com.product;
```

```
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
```

```
import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```
@WebServlet("/Database")
public class Database extends HttpServlet {
    private static final long serialVersionUID = 1L;
```

```
    public Database() {
        super();
    }
```

```
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        response.setContentType("<html><body>");
        PrintWriter out=response.getWriter();
        String pid=request.getParameter("ProductId");
        try {
            Connection conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/nprouct","root","root");
```

```

PreparedStatement ps=conn.prepareStatement("select * from product where pid=?");
ps.setInt(1,Integer.parseInt(pid));
ResultSet rs=ps.executeQuery();
ResultSetMetaData rsmd=rs.getMetaData();
if(rs.next()) {
    out.print("Entered ProductId Details \n");
    out.print("<td>" +rsmd.getColumnName(1)+"</td>");
    out.print("<td>" +rsmd.getColumnName(2)+"</td>");
    out.print("<td>" +rsmd.getColumnName(3)+"</td>");

    out.print("<tr><td>" +rs.getInt(1)+"</td><td>" +rs.getString(2)+"</td><td>" +rs.getDouble(3));
} else {
    RequestDispatcher rd=null;
    rd=request.getRequestDispatcher("index.html");
    out.print("<center><span style='color:red'>Invalid Product Id</span></center>");
}
} catch (Exception e){
    e.printStackTrace();

}

}

```

```

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
    // TODO Auto-generated method stub
    doGet(request, response);
}

}

```