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**Assignment 5**

## Code:

**ShowBookInfo.java**

import java.io.IOException; import java.io.PrintWriter; import java.sql.Connection; import java.sql.DriverManager; import java.sql.ResultSet; 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;

@WebServlet("/ShowBookInfo")

public class ShowBookInfo extends HttpServlet {

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

{

response.setContentType("text/html"); PrintWriter out=response.getWriter();

out.print("<center><h2>Book Information</h2></center>");try

{

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/ebooks","root","root");

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from bookinfo"); out.print("<center><table border=\"1\">");

out.print("<tr><th>BookId</th><th>BookName</th><th>Author</th><th>Prize</th><th> Quantity</th></tr>");

while(rs.next())

{

out.print("<tr>"); out.print("<td>"+rs.getString(1)+"</td>"); out.print("<td>"+rs.getString(2)+"</td>"); out.print("<td>"+rs.getString(3)+"</td>"); out.print("<td>"+rs.getInt(4)+"</td>"); out.print("<td>"+rs.getInt(5)+"</td>"); out.print("</tr>");

}

out.print("</table></center>");

}

catch(Exception e)

{

out.print("<center><h2>Unable to connect to database</h2></center>");

}

}

## Output:

