**Phase 2: Practice Project: Assisted Practice: 1**

**Question: 09**

**Write a program to demonstrate Session Tracking using an HTTP Session.**

**Source Code:**

**Index.html**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>HTTPSession Demo</title>

</head>

<body>

<a href=*"login?userid=admin"*>Dashboard with Session based login</a>

<br>

<a href=*"dashboard"*>Dashboard without Session based login</a>

</body>

</html>

**LoginServlet.java**

**import** java.io.\*;

**import** javax.servlet.\*;

**import** javax.servlet.annotation.\*;

**import** javax.servlet.http.\*;

@WebServlet("/LoginServlet")

**public** **class** LoginServlet **extends** HttpServlet {

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

**public** LoginServlet() {

**super**();

}

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

String userId = request.getParameter("userid");

HttpSession session = request.getSession();

session.setAttribute("userid", userId);

response.sendRedirect("dashboard");

}

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

doGet(request, response);

}

}

**Dashboard.java**

**import** java.io.\*;

**import** javax.servlet.\*;

**import** javax.servlet.annotation.\*;

**import** javax.servlet.http.\*;

@WebServlet("/Dashboard")

**public** **class** Dashboard **extends** HttpServlet {

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

**public** Dashboard() {

**super**();

}

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

PrintWriter out = response.getWriter();

out.println("<html><body>");

HttpSession session = request.getSession(**false**);

String userId = **null**;

**if** (session.getAttribute("userid") != **null**)

userId = (String) session.getAttribute("userid");

**if** (userId == **null**) {

out.println("No UserId was found in session.<br>");

} **else** {

out.println("UserId obtained from session :" + userId + "<br>");

}

out.println("</body></html>");

}

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

doGet(request, response);

}

}

**Output:**





