**MyServlet.java:**

package com.servlet;

import java.io.IOException;

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 javax.servlet.http.HttpSession;

/\*\*

\* Servlet implementation class MyServlet

\*/

@WebServlet("/MyServlet")

public class MyServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public MyServlet() {

super();

}

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

try {

HttpSession session = request.getSession();

System.out.println("Session created. Listener code will run now.");

session.setAttribute("username", "tushar");

session.setAttribute("password", "Test123@");

System.out.println("Session attributes set.");

session.setAttribute("username", "admin");

System.out.println("Session attribute modified.");

session.invalidate();

System.out.println("Session destroyed.");

} catch (Exception e) {

e.printStackTrace();

}

}

}

**MyListener.java:**

package com.listeners;

import java.util.Date;

import javax.servlet.annotation.WebListener;

import javax.servlet.http.HttpSessionAttributeListener;

import javax.servlet.http.HttpSessionBindingEvent;

import javax.servlet.http.HttpSessionEvent;

import javax.servlet.http.HttpSessionListener;

/\*\*

\* Application Lifecycle Listener implementation class MyListener

\*

\*/

@WebListener

public class MyListener implements HttpSessionListener, HttpSessionAttributeListener {

/\*\*

\* Default constructor.

\*/

public MyListener() {

}

/\*\*

\* @see HttpSessionListener#sessionCreated(HttpSessionEvent)

\*/

public void sessionCreated(HttpSessionEvent se) {

System.out.println("Session created at " + new Date(se.getSession().getCreationTime()));

}

/\*\*

\* @see HttpSessionListener#sessionDestroyed(HttpSessionEvent)

\*/

public void sessionDestroyed(HttpSessionEvent se) {

System.out.println("Session destroyed at " + new Date(se.getSession().getCreationTime()));

}

/\*\*

\* @see HttpSessionAttributeListener#attributeAdded(HttpSessionBindingEvent)

\*/

public void attributeAdded(HttpSessionBindingEvent se) {

System.out.println("Session attribute with name: "+se.getName()+" and value: "+se.getValue()+" is added.");

}

/\*\*

\* @see HttpSessionAttributeListener#attributeRemoved(HttpSessionBindingEvent)

\*/

public void attributeRemoved(HttpSessionBindingEvent se) {

System.out.println("Session attribute with name: "+se.getName()+" and value: "+se.getValue()+" is removed.");

}

/\*\*

\* @see HttpSessionAttributeListener#attributeReplaced(HttpSessionBindingEvent)

\*/

public void attributeReplaced(HttpSessionBindingEvent se) {

System.out.println("Session attribute with name: "+se.getName()+" and value: "+se.getValue()+" is replaced.");

}

}