**Practical 3d)**

**Q.Create a servlet demonstrating the use of session creation and destruction. Also check whether the user has visited this page first time or has visited earlier also using sessions.**

**HttpSessionServlet.java**

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

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class HttpSessionServlet extends HttpServlet {

private int counter=0;

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

out.println("<!DOCTYPE html>");

out.println("<html>");

out.println("<head>");

out.println("<title>Servlet HttpSessionServlet</title>");

out.println("</head>");

out.println("<body>");

HttpSession session =request.getSession(true);

if(session.isNew())

{

out.print("This is the first time you are visiting this page");

++counter;

}

else

{

synchronized(HttpSessionServlet.this)

{

if(counter==10)

{

session.invalidate();

counter=0;

request.getSession(false);

}

else

{

out.print("You have visited this page "+(++counter)+" times");

}

}

}

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

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

}

}

}

**Output**

