**Practical 3b)**

**Q.Create a servlet that uses Cookies to store the number of times a user has visited the servlet.**

**CookieServlet.java**

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;

**import javax.servlet.http.Cookie;**

public class CookieServlet extends HttpServlet {

private int i=1;

@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 CookieServlet</title>");

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

out.println("<body>");

String k=String.valueOf(i);

Cookie c=new Cookie("visit",k);

response.addCookie(c);

int j=Integer.parseInt(c.getValue());

if(j==1)

{

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

}

else

{

synchronized(CookieServlet.this)

{

out.println("You visited this page " + i + " times");

}

}

i++;

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

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

}

}

}

**Output**

