**Practical-4.4**

**Aim: A Holistic counter in Servlet**  
In this program we are going to make a such a servlet which will count the number of times it has been accessed and the number of threads created by the server.

**Description:** In this we are going to make a such a servlet which will count the number of times it has been accessed and the number of threads created by the server. The **javax.servlet** package contains many interfaces and classes that are used by the servlet or web container. These are not specific to any protocol.The **javax.servlet.http** package contains interfaces and classes that are responsible for http requests only.

**Code:**

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

**import** java**.**util**.\*;**

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

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

public class holisticcounter **extends** HttpServlet **{**

static int classCount **=** 0**;**

int count **=** 0**;**

static Hashtable instances **=** **new** Hashtable**();**

public void doGet**(**HttpServletRequest req**,** HttpServletResponse res**)**

**throws** ServletException**,** IOException **{**

res**.**setContentType**(**"text/html"**);**

PrintWriter out **=** res**.**getWriter**();**

count**++;**

out**.**println**(**"<h1>Since loading, this servlet instance has been accessed " **+**count **+** " times.</h1>"**);**

instances**.**put**(this,** **this);**

out**.**println**(**"<h2>There are currently " **+**instances**.**size**()** **+** " instances.</h2>"**);**

classCount**++;**

out**.**println**(**"<h3>Across all instances, this servlet class has been accessed " **+** classCount **+** " times.</h3>"**);**

**}**

**}**

**Output:** **C:\Program Files\Java\Adjava\prac 4\4\compile.JPG**

