```java
 1 package adhoc;
 2
 3 import java.io.IOException;
14
15 /**
16  * Servlet Filter implementation class Logging
17  */
18 @WebFilter({ "/Logging", "/*" })
19 public class Logging implements Filter
20 {
21
22     public Logging()
23     {
24     }
25
26     public void destroy()
27     {
28     }
29
30     public void doFilter(ServletRequest request, ServletResponse response,
   FilterChain chain) throws IOException, ServletException
31     {
32         CtrlUtil.log_request(System.out, (HttpServletRequest) request,
   "Incoming");
33         chain.doFilter(request, response);
34         CtrlUtil.log_request(System.out, (HttpServletRequest) request,
   "Outgoing");
35     }
36
37     public void init(FilterConfig fConfig) throws ServletException
38     {
39     }
40 }
```