

```
1 import javax.servlet.*;
2 import javax.servlet.annotation.WebFilter;
3 import javax.servlet.http.HttpServletResponse;
4 import java.io.IOException;
5 import java.util.ArrayList;
6
7 @WebFilter(filterName = "MyFilter2")
8 public class MyFilter2 implements Filter {
9     public void destroy() {
10    }
11
12    public void doFilter(ServletRequest req,
13        ServletResponse resp, FilterChain chain) throws
14        ServletException, IOException {
15
16        // ArrayList of dummy users.
17        ArrayList<User> users = new ArrayList<>();
18        users.add(new User("Anna", "anna@yahoo.com"
19    ));
20        users.add(new User("John", "john@yahoo.com"
21    ));
22
23        // Get values entered in textboxes.
24        String userName = req.getParameter("
25    userName");
26        String userEmail = req.getParameter("
27    userEmail");
28
29        // Create User object
30        User user = new User(userName, userEmail);
31
32        // Checks if User object exists in list
33        if (users.contains(user)) {
```

```
28             // Do next action.
29             chain.doFilter(req, resp);
30         }
31         else {
32             // Convert ServletResponse to
33             HttpServletResponse
34             HttpServletResponse httpResp = (
35             HttpServletResponse) resp;
36             // Redirect user to homepage.
37             httpResp.sendRedirect("/index.jsp");
38         }
39
40     }
41
42     public void init(FilterConfig config) throws
43     ServletException {
44     }
45
46 }
47
```