

## Search.java

```
1 package ctrl;
2
3 import java.io.IOException;
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18 /**
19  * Servlet implementation class Search
20  */
21 @WebServlet("/Search")
22 public class Search extends HttpServlet {
23     private static final long serialVersionUID = 1L;
24
25     /**
26      * @see HttpServlet#HttpServlet()
27      */
28     public Search() {
29         super();
30         // TODO Auto-generated constructor stub
31     }
32
33     /**
34      * @see HttpServlet#doGet(HttpServletRequest request,
35      * HttpServletResponse response)
36      */
37     protected void doGet(HttpServletRequest request,
38         HttpServletResponse response) throws ServletException, IOException
39     {
40         HttpSession s = request.getSession();
41         String query = request.getParameter("query");
42
43         if (query != null) {
44             try {
45                 Model m = Model.getInstance();
46                 List<Item> items = m.getFoodsByMultiple(query);
47                 request.setAttribute("searchItems", items);
48             } catch (Exception e) {
49                 request.setAttribute("error", e.getMessage());
50             }
51         }
52
53         if (request.getAttribute("searchItems") == null) {
54             request.setAttribute("searchItems", new
55                 ArrayList<Item>());
56         }
57
58         request.setAttribute("query", query);
59     }
60 }
```

## Search.java

```
54         request.getRequestDispatcher("/WEB-INF/pages/  
Search.jspx").forward(request, response);  
55     }  
56  
57     /**  
58     * @see HttpServlet#doPost(HttpServletRequest request,  
HttpServletResponse response)  
59     */  
60     protected void doPost(HttpServletRequest request,  
HttpServletResponse response) throws ServletException, IOException  
    {  
61         // TODO Auto-generated method stub  
62         doGet(request, response);  
63     }  
64  
65 }  
66
```