Load MenuItem from User's input: Separated by comma (,)

index.html

```html
<html>
<body>
    <form action="MyServlet">
        Enter Values for Menu:<input type="text" name="data"/><br/>
        (Provide comma(,)seprated values)<br/>
        <input type="submit"/><br/>
    </form>
  </body>
</html>
```

MyServlet.java

```java
public class MyServlet extends HttpServlet {
    private String tmp;
    List<String> myList;

    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
      response.setContentType("text/html;charset=UTF-8");
      tmp=request.getParameter("data");
      myList = Arrays.asList(tmp.split(","));
      RequestDispatcher rd = request.getRequestDispatcher("/MenuTest.jsp");
      request.setAttribute("data", myList);
      rd.include(request, response);
    }
```

menus.tld

```xml
<uri>menus</uri>
  <tag>
    <name>MenuItem</name>
    <tag-class>pack.MenuItemTag</tag-class>
    <body-content>empty</body-content>

    <attribute>
      <name>value</name>
      <required>true</required>
      <rtexprvalue>true</rtexprvalue>
    </attribute>
  </tag>

    <tag>
    <name>Menu</name>
    <tag-class>pack.MenuTag</tag-class>
    <body-content>scriptless</body-content>
```

```xml
        <attribute>
          <name>prefix</name>
          <required>false</required>
          <rtexprvalue>true</rtexprvalue>
        </attribute>
    </tag>
```

MenuTest.jsp

```jsp
<%@ taglib prefix="myTags"  uri="menus"%>
<html>
<body>
    <myTags:Menu prefix="out">
      <myTags:MenuItem value="${data}" />
    </myTags:Menu>
</body>
</html>
```

MenuTag.java

```java
package pack;

import java.io.IOException;
import java.util.ArrayList;
import java.util.List;
import javax.servlet.jsp.JspException;
import javax.servlet.jsp.JspWriter;
import javax.servlet.jsp.tagext.SimpleTagSupport;

public class MenuTag extends SimpleTagSupport {

    private List menuItems = new ArrayList();
    private String prefix;

    public String getPrefix() {
        return this.prefix;
    }

    public void setPrefix(String prefix) {
        this.prefix = prefix;
    }

    public void addMenuItem(String tag) {
        menuItems.add(tag);
    }

    public void doTag() throws JspException, IOException {
        getJspBody().invoke(null);
```

```java
        JspWriter out = getJspContext().getOut();
        out.println("<table border='1'>");
        for(int i=0;i<menuItems.size();i++) {
            String tag=(String)menuItems.get(i);
            out.println(String.format("<tr><td>%s-%s</td></tr>", this.getPrefix(), tag));
        }
        out.println("</table>");
    }

}
```

MenuItemTag.java

```java
package pack;

/**
 *
 * @author Hariom
 */
import java.io.IOException;
import java.util.StringTokenizer;

import javax.servlet.jsp.JspException;
import javax.servlet.jsp.tagext.SimpleTagSupport;

public class MenuItemTag extends SimpleTagSupport {

    private String value;

    public void setValue(String value) {
        this.value = value;
    }

    public String getValue() {
        return this.value;
    }

    public void doTag() throws JspException, IOException {
        MenuTag parent = (MenuTag)getParent();
        if(parent != null) {
            StringTokenizer st=new StringTokenizer(value,"[,]");
            while(st.hasMoreTokens())
                parent.addMenuItem(st.nextToken());
        }
    }

}
```