Today we will do a complete example of loop (iteration) P-1.

File:- [index.jsp]

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html> <head> <title> My Example of loop using JSTL (serverlag)<title>
</head> <body>
<%@ taglib prefix="m" uri="sscuri" %> <p> My College is Shershah College </p>
<m:loop end="10" start="1"> 
</m:loop>
</body>
</html>
```

File:- [mytags.tld]

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<!DOCTYPE taglib PUBLIC "-//Sun Microsystems, Inc.//DTD JSP Tag
    Library 1.2//EN" "http://java.sun.com/j2ee/dtd/web-jsptaglibrary
    _1_2.dtd">
<taglib> <tlib-version> 1.0 </tlib-version>
        <jsp-version> 1.2 </jsp-version>
        <short-name> abc </short-name>
    <uri> sscuri </uri>
  <tag> <name> loop </name>
        <tag-class> com.ssc.customtag.Loop </tag-class>
    <attribute> <name> start </name>
                <required> true </required>
    </attribute>
    <attribute> <name> end </name>
                <required> true </required>
    </attribute>
  </tag>
</taglib>
```

File:- [Loop.java]

```
package com.ssc.customtag;
import javax.servlet.jsp.JspException;
import javax.servlet.jsp.tagext.TagSupport;
public class Loop extends TagSupport {
```

```java
private int start=0; private int end=0;
public void setStart (int start) { this.start = start; }
public void setEnd (int end) { this.end = end; }
@Override
public int doStartTag() throws JspException {
    return EVAL_BODY_INCLUDE;
}

@Override
public int doAfterBody() throws JspException {
    if (start < end) {
                        start++;
            return EVAL_BODY_AGAIN;
        }
        else {
            return SKIP_BODY;
        }
    }
}
}
```

File:- [Web.xml]

```xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://java.sun.com/xml/ns/javaee"
xmlns:web="http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://
java.sun.com/xml/ns/javaee/web-app_3_0.xsd" id="WebAPP_ID"
version="3.0">
<jsp-config> <taglib> <taglib-uri> sscuri </taglib-uri>
<taglib-location> /WEB-INF /mytags.tld </taglib-location>
</taglib> </jsp-config> </web-app>
```

Output:- 10 times written :- The statement :-

My College is Shershah College

— END —