

4) Write the required tiles definition in tiles.xml file.

```
<tiles-definitions>
<definition name="HomeDef" template="/JLCLayout.jsp">
<put-attribute name="HEADER" value="header.jsp"/>
<put-attribute name="BODY" value="welcome.jsp"/>
<put-attribute name="FOOTER" value="footer.jsp"/>
</definition>
</tiles-definitions>
```

5) Include the tiles definitions in the required JSPs.

home.jsp

```
<%@taglib uri="http://tiles.apache.org/tags-tiles" prefix="tiles"%>
<tiles:insertDefinition name="HomeDef"/>
```

Ex 2:

1) Identify the Layout required.

| | |
|----------------------|--------|
| Java Learning Center | |
| ADD | UPDATE |
| DELETE | |
| Welcome to JLC | |
| All Rights Reserved | |

2) Design the Layout JSP which is a centralized JSP.

JLCLayout.jsp

```
<%@taglib uri="http://tiles.apache.org/tags-tiles" prefix="tiles"%>
<html><body>
<table width="90%" height="90%">
<tr height="10%">
<td colspan="2" align="center">
<tiles:insertAttribute name="HEADER"/>
</td>
</tr>
<tr height="80%">
<td width="30%" align="left">
<tiles:insertAttribute name="LMENU"/>
</td>
```