

3. Write a program to demonstrate the use of JSP Directives.

Index.jsp:

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF 8"%>
<%@ taglib prefix="fmt" uri="http://java.sun.com/jsp/jstl/fmt"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>JSP Directives</title>
</head>
<body>
This is content from the main file.
<%@ include file="included.jsp" %>
<hr>
Example of using JSTL taglibs for formatting output<br>
<p>
Currency = <fmt:formatNumber value = "145" type = "currency"/>
<p>
<p>
<c:set var = "now" value = "<%= new java.util.Date()%>" />
Current date and time is <fmt:formatDate pattern = "yyyy-MM-dd hh:mm:ss"
value =
"${now}" />
</p>
</body>
</html>
```

Included.jsp:

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF 8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<% out.println("This is content from included file.<br><br>"); %>
</body>
</html>
```

Web.xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns="http://java.sun.com/xml/ns/javaee"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd"
version="2.5">
<display-name>JSPDirectives</display-name>
<welcome-file-list>
<welcome-file>index.html</welcome-file>
<welcome-file>index.jsp</welcome-file>
<welcome-file>index.htm</welcome-file>
<welcome-file>default.html</welcome-file>
<welcome-file>default.jsp</welcome-file>
<welcome-file>default.htm</welcome-file>
</welcome-file-list>
</web-app>
```