**ASSIGNMENT 4**

**JSTL**

**Create a custom tag book having attribute ISBN, title, price, author and Publication and display book detail in proper format  
Title h1  
Author Italic and H3 tag  
ISBN bold and H3   
Publication H3  
Price prefix with INR**

# Vvputil.tld

<?xml version="1.0" encoding="UTF-8"?>

<taglib version="2.0" xmlns="http://java.sun.com/xml/ns/j2ee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://java.sun.com/xml/ns/j2ee web-jsptaglibrary\_2\_0.xsd">

<tlib-version>1.0</tlib-version>

<short-name>vvputil</short-name>

<uri>/WEB-INF/tlds/vvputil</uri>

<tag>

<name>Book</name>

<tag-class>com.vvp.java.Book</tag-class>

<body-content>empty</body-content>

<attribute>

<name>title</name>

<required>true</required>

<rtexprvalue>true</rtexprvalue>

<type>java.lang.String</type>

</attribute>

<attribute>

<name>isbn</name>

<required>true</required>

<rtexprvalue>true</rtexprvalue>

<type>java.lang.String</type>

</attribute>

<attribute>

<name>price</name>

<required>true</required>

<rtexprvalue>true</rtexprvalue>

<type>double</type>

</attribute>

<attribute>

<name>author</name>

<required>true</required>

<rtexprvalue>true</rtexprvalue>

<type>java.lang.String</type>

</attribute>

<attribute>

<name>publication</name>

<required>true</required>

<rtexprvalue>true</rtexprvalue>

<type>java.lang.String</type>

</attribute>

</tag>

</taglib>

# Book.java

# 

package com.vvp.java;

import javax.servlet.jsp.tagext.\*;

import javax.servlet.jsp.JspWriter;

import javax.servlet.jsp.JspException;

public class Book extends TagSupport {

private String author;

private String title;

private String publication;

private double price;

private String isbn;

@Override

public int doStartTag() throws JspException {

JspWriter out=pageContext.getOut();

try {

out.println("<h1><b>"+title+"</b></h1><br>");

out.println("<h3><i>"+author+"</i></h3><br>" );

out.println("<h3><b>"+isbn+"</b></h3><br>");

out.println("<h3>"+publication+"</h3><br>");

out.println("INR "+price );

} catch (Exception ex) {

throw new JspException(ex.getMessage());

}

return SKIP\_BODY;

}

public void setAuthor(String author) {

this.author = author;

}

public void setTitle(String title) {

this.title = title;

}

public void setPublication(String publication) {

this.publication = publication;

}

public void setPrice(double price) {

this.price = price;

}

public void setIsbn(String isbn) {

this.isbn = isbn;

}

}

**CustomTag.jsp**

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<%@ taglib uri="WEB-INF/tlds/vvputil.tld" prefix="util" %>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"

"http://www.w3.org/TR/html4/loose.dtd">

<util:Book author="ghm" isbn="12ce12" price="1250.54" publication="vvpec" title="Ajava"></util:Book>