

JSP – Lb Kilo Converter

Time required: 90 minutes

Please read all the directions before beginning the assignment.

- Comment each line of code as shown in the tutorials and other code examples.
- Follow all directions carefully and accurately.
- Think of the directions as minimum requirements.

Pseudocode

1. Write pseudocode for the exercise
2. Save it in a document
3. Submit with the assignment

Here's What I Want You to Do

There are measurement converters all over the web. Let's create one of our own. Remember, you can use Java code in the project.

This project is similar to the HTML form processing tutorials we did earlier.

Here's Why I Want You to Do It

JSP is one of the most popular web development platforms on the Internet. There are many job opportunities in this area.

Demonstrate understanding of:

Java, JSP, form processing, data validation, exception handling, rounding, importing libraries into a JSP project,

Program Requirements

Use Eclipse to create a JSP project that converts Pounds to Kilograms.

1. In Eclipse, create a new **Dynamic Web Project** named: **LbKilo**
2. Include data validation by using **Try Catch** blocks for user input.
3. The resulting calculation should be rounded and displayed to 2 decimal places.

4. If you want to use **DecimalFormat**, import it at the top of the jsp page.

```
1 <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
2   pageEncoding="ISO-8859-1" import="java.text.DecimalFormat"%>
```

Example run:

Pounds to Kilograms

Enter Pounds:

33 Pounds equals 14.97 Kilograms

Assignment Submission

Zip up the project folder. Submit it to Blackboard.