

Exercise: Greeting Tag with Attributes

Objective: Create a custom tag that displays a personalized greeting based on time of day and user name.

Requirements:

1. Create a custom tag handler class `GreetingTag` that extends `SimpleTagSupport`
2. The tag should support two attributes:
 - `name` (required): The user's name
 - `timeOfDay` (optional): Can be "morning", "afternoon", "evening", or "night". Defaults to "day" if not specified
3. Implement the logic in `doTag()` method to display:
 - "Good morning, [name]!" if `timeOfDay` is "morning"
 - "Good afternoon, [name]!" if `timeOfDay` is "afternoon"
 - "Good evening, [name]!" if `timeOfDay` is "evening"
 - "Hello, [name]!" for any other value
4. Create a TLD file entry for this tag
5. Use the tag in a JSP page with different attribute combinations

Expected JSP usage:

```
<my:greet name="John" timeOfDay="morning"/>
<my:greet name="Sarah"/>
<my:greet name="Mike" timeOfDay="evening"/>
```

Sample Output:

```
Good morning, John!
Hello, Sarah!
Good evening, Mike!
```