

# Exercises: Advanced Custom Tags

1. Make an *unblink* tag: one that removes all BLINK tags from the text it surrounds.

Note: the `replaceAll` method can be used to replace all occurrences of a given substring (regular expression, actually) by another substring. For example,

```
"foobarbazfoobarbaz".replaceAll("foo", "Test");
```

returns

```
"TestbarbazTestbarbaz"
```

Prepend the first argument with `"(?i)"` for a case-insensitive replacement.

2. Make a `replace` tag that lets the JSP author specify a target string and a replacement. All occurrences of the target string within the enclosed text should be replaced by the replacement string. For example:

```
<sample:replace target="Marty" replacement="Monty">
```

```
<H1>Marty Hall's Home Page</H1>
```

```
</sample:replace>
```

should result in

**Monty Hall's Home Page**

3. Make a heading tag that expands into `<H1 ALIGN="CENTER">...` Make an `emphasis` tag that normally puts the enclosed text in bold. However, since headings are already in bold, if `emphasis` is used inside heading, it should put the enclosed text in italics instead.