

JSP Elements

Expression

```
<html> <body>  
The value of a mathematical expression is  
<%= Math.sin(3.14159/2.0) + Math.sqrt(2)%>  
</body> </html>
```

Scriptlet

```
<html> <body>  
The value of a mathematical expression is  
<%  
double exp = Math.sin(3.14159/2.0) + Math.sqrt(2);  
out.println("" + exp);  
%>  
</body> </html>
```

instance variable in created servlet

Declaration

```
<html><body>  
<%! int count=1; %>  
This is a test:  
<% out.println("" + count++); %>  
</body></html>
```

vs.

local variable in service method

```
<html><body>  
This is a test:  
<% int count=1;  
out.println("" + count++); %>  
</body></html>
```

JSP Elements, continued

page directives

```
<html><body>  
<%@ page import="java.util.*" %>
```

This is a test of the import directive.

```
<% List mylist() = new ArrayList();  
mylist.add("foo");  
mylist.add("bar");  
%>
```

```
</body></html>
```

Two more for you to learn about

- EL expressions
- actions

Why?

See handouts...