Web Programming Chapter 9

Exercise 1 HTML 4.01 Strict

```
<html>
<head><title>w3resource tutorial</title></head>
<body>
<h1>we are learning html</h1>
<h2>we are learning html at w3resource.com.</h2>
<center>
<p>This section covers the introduction to html
   <strike>which is quite new</strike></p>
<a href="/index.php">Look here to get a list of the topics
   covered in w3resource.com</a>
<br>
<font size="30" color="red">This is some text!</font>
</center>
</body>
</html>
```

Exercise 1. HTML 4.01 Strict

1. Add DOCTYPE for HTML4.01 Strict into HTML file (in the previous slide)
2. Validate them by the Markup Validation Service
3. Correct them until they have no errors.

Exercise 2. XHTML 1.0 Strict

1. Copy files of Exercise 1. and change DOCTYPE to XHTML1.0 Strict
2. Fix them to be suitable for XHTML1.0 Strict
3. Validate them by the Markup Validation Service
4. Confirm differences between HTML and XHTML
5. Correct them until they have no errors as well as Exercise 1.

Exercise 3

```
<!DOCTYPE NEWSPAPER [

<!ELEMENT NEWSPAPER (ARTICLE+)>
<!ELEMENT ARTICLE
(HEADLINE,BYLINE,LEAD,BODY,NOTES)>
<!ELEMENT HEADLINE (#PCDATA)>
<!ELEMENT BYLINE (#PCDATA)>
<!ELEMENT LEAD (#PCDATA)>
<!ELEMENT BODY (#PCDATA)>
<!ELEMENT NOTES (#PCDATA)>

<!ATTLIST ARTICLE AUTHOR CDATA #REQUIRED>
<!ATTLIST ARTICLE EDITOR CDATA #IMPLIED>
<!ATTLIST ARTICLE DATE CDATA #IMPLIED>
<!ATTLIST ARTICLE EDITION CDATA #IMPLIED>

]>
```

Exercise 3

◆ Attach the previous DTD into a XML document. Create sample data in the XML document & validate it until there is no error

Exercise 4. Draw the flag using SVG

◆ Draw the national flag of Japan (It's really simple!)
  – White rectangular – width:height = 5:3
  – Red circle - a diameter is 3/5 of rectangular height