

## Review Questions ~ Week 2

### Question 1

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE mydoc [
<!ELEMENT mydoc (#PCDATA)>
]>

<mydoc>documentContent</mydoc>
```

### Question 2

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE mydoc [
<!ELEMENT mydoc (a , b)>
<!ELEMENT a (#PCDATA)>
<!ELEMENT b (#PCDATA)>
]>

<mydoc>
  <a>blah</a>
  <b>more blah</b>
</mydoc>
```

### Question 3

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE mydoc [
<!ELEMENT mydoc (a* , b)>
<!ELEMENT a (#PCDATA)>
<!ELEMENT b (#PCDATA)>
]>

<mydoc>
  <a/>
  <b>more blah</b>
</mydoc> </mydoc>
```

### Question 4

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE mydoc [
<!ELEMENT mydoc (a+ , b)>
<!ELEMENT a (#PCDATA)>
<!ELEMENT b (#PCDATA)>
]>
```

```

<mydoc>
  <a>blah</a>
  <a>more blah</a>
  <a>a little bit more blah</a>
  <a>even more blah</a>
  <b>blah again</b>
</mydoc>

```

### Question 5

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE mydoc [
  <!ELEMENT mydoc (a? , b?)>
  <!ELEMENT a (#PCDATA)>
  <!ELEMENT b (#PCDATA)>
]>
<mydoc>
  <a></a>
  <b></b>
</mydoc>

```

### Question 6

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE mydoc [
  <!ELEMENT mydoc (a? , b+)>
  <!ELEMENT a (c? , d*)>
  <!ELEMENT b (c , d)>
  <!ELEMENT c (#PCDATA)>
  <!ELEMENT d (#PCDATA)>
]>
<mydoc>
  <a>
    <c></c>
    <d>blah</d>
    <d>more blah</d>
  </a>
  <b>
    <c>a little bit of blah</c>
    <d>blah blah blah</d>
  </b>
  <b>
    <c>a different sort of blah</c>
    <d>upsidedown and insideout blah</d>
  </b>
</mydoc>

```

### Question 7

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE mydoc [
  <!ELEMENT mydoc (a , b)>
  <!ELEMENT a (c , d)>
  <!ELEMENT b (c | d)>
  <!ELEMENT c (#PCDATA)>
  <!ELEMENT d (#PCDATA)>
]>
<mydoc>
  <a>
    <c>blah</c>
    <d>blah</d>
  </a>
  <b>
    <d>blah</d>
  </b>
</mydoc>
```

### Question 8

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE mydoc [
  <!ELEMENT mydoc (a+ , b+)>
  <!ELEMENT a (b | c)>
  <!ELEMENT b (#PCDATA | c)*>
  <!ELEMENT c (#PCDATA)>
]>
<mydoc>
  <a>
    <b>blah</b>
  </a>
  <a>
    <c>blah</c>
  </a>
  <b>
    Hello
    <c>blah</c>
  </b>
  <b>
    Hello
    <c></c>
  </b>
</mydoc>
```