**Cours\_1**

**Questions in exams :**

**Why xml is a meta language ?**

Because you invent/define your own tags

**Main differences between html and xml ?**

XML was designed to store, structure and exchange data

HTML is about displaying informations.

**Where should I use attributes/elements ?**

Attributes :

- When the data is atomic (you cant decompose the data into subset)

(Adresse can’t be an attribute cause you can decompose it)

Lang/id/idref = predefined attributes

<adresse zip=’92100’ number=’3’></adresse>

🡺better for exchange

<adresse>

<zip>92100 </zip>

<number>3 </number>

</adresse>

🡺better for human

0or1 : ?

Minimum 1 : +

Many : \*

<xs:pattern value="([a-z])\*"/>

(regex xsd)

**Cours XPath**

Diapo 7++

Diapo 9++

Diapo 18 :

//bbb

//bbb/@name=toto

Diapo 26 ++

<xsl:templatematch="/">

<td><xsl:value-of select="catalog/cd/title"/></td>

<td><xsl:value-of select="catalog/cd/artist"/></td>

**Question in exam**

**What’s the difference between include and import ?**

Diapo 40

**DOM**

Diapo 27 ++

Diapo 34 ++

**Difference between dom and sax ?**

Sax don’t need to load all the documents in memory