
Lab 01

Exercise 1: Here is an example of an XML document that should be well-formed;

```
<?xml version="3.0" encoding="utf-8"?>
<logiciel Comptabilite>
<version>1</version>
<user>
<uid>bgirot</uid>
</user>
<contact>
<lastName>Giro</lastName>
<firstName>Bernadette</firstName>
<email>ggirot@petites.fleurs.com</email>
</contact>
<author autId="ghuret" lastName="Huret" firstName="George" organism="">
<company>
<labId>3987</labId>
<name>Analyse Informatique des Données & Information</name>
<shortName></shortName>
</company>
</author>
<author autId="mgirard" lastName="Girard" firstName="Matin" firstName="Matin" organism="">
<company>
<labId>6670</labId>
<name>La compta en vogue</name>
<shortName>Vogue la compta</shortName>
</company>
<company>
<labId>4621</labId>
<name>En avant les chiffres</name>
<shortName>EAC</shortName>
</author>
</company>
</logiciel Comptabilite>
<date_mise_en_service>
2007-09-17
</date_mise_en_service>
```

Exercise 2: The following XML document contains at least 8 syntax errors. Please find and correct as many as possible.

```
<title>Mr. Fox and Mrs. Elster</title>
<director>Harald Serowski & Erich Hammer</director/>
< age restriction type = "for six year olds" >
<description>
If there's a personification of <quote>curiosity</quote>, then it's
<b><i>Mrs. Elster</i></b></i>In this cheerful strip for the whole family, she's back in her element . ...
</description>
</movie>
```

Exercise 3: Correct the following XML document to be well-formed (hint: use the XML editor):

```
<?xml version="1.0" encoding="utf-16"?>
<movies>
<movie id="56225">
<title>Love Story</title>
<title></title>
<year>1980</year>
<_director name='Coppola'></_director>
<comment text="Five start" text="Average"/>
<xml>Introduce XML content</xml>
<newcomment text="An <important> text">Oscar</newcomment>
<comment lang=de>© 1980 Warner Bros.</comment>
<!-- Famous movie of the --80s -->
</Movie>
</movies>
```

Exercise 04: Draw the xml tree for the following.

```
<movies>
<english>
<name>players</name>
<director>abc</director>
<prodcost>50lakhs</prodcost>
</english>
<hindi>
<name>khiladi</name>
<director>xyz</director>
<Prodcost>70lakhs</prodcost>
</hindi>
</movies>
<studentdetails>
<student1>
<rollno>1001</rollno>
<name>ram</name>
<marks>365</marks>
</student1>
<student2>
<rollno>100</rollno>
<name>shyam</name>
<marks>375</marks>
</student2>
</studentdetails>
```