XML Tasks

**Task #1:** Create an XML Document with a description of the room in which you are now.

<bedroom>

<furniture>

<bed size="big"/>

<nightstands quantity="2"/>

<dresser/>

<wardrobe/>

</furniture>

<decor>

<painting/>

<curtains/>

<pillows quantity="2"/>

<blanket/>

<carpet/>

</decor>

<electronics>

<TV/>

<clock/>

<laptop/>

</electronics>

<window size="large"/>

</bedroom>

**Task #2:** Find errors in the XML Doc below.

<?xml version="1.0" encoding="utf-8"?>

<lectures xmlns="http://lectures.com/xml">

<lecture topic="XML">

<author site="Other">Genadz <Gregor> Dubkouskiij<author>

<!--several persons may be listed as lectors-->

<lector site='EPAM'>Aliaksei Ziamnovich</lector>

<attendees>

<attendee site="EPAM" subscription="None">Vasili Hrunkskiij</attendee>

<attendee side="EPAM" subscription=CDP FTM>Sergii Divinitisky</attendee>

</attendeesList>

</lecture>

<lecture topic="PAL::Code of Conduct">

<!--PAL -- stands for Process Access Library-->

<author site=EPAM>WFT PAL</author>

<lector site=EPAM>Automated Delivery System</lcetor>

<attendees>

<attendee site="EPAM" subscription="Employee">Vasili Hrunkskiij</attendee>

<attendee subscription="Employee">Sergii Divinitisky</attndee>

</attendees>

<materials>

<material type="Video" linkType="URL"><!CDATA[http://epam.com/pal/code]></Material>

</materials>

<lecture>

<lectures>

**Mistakes found**

<?xml version="1.0" encoding="utf-8"?>

<lectures xmlns="http://lectures.com/xml">

<lecture topic="XML">

<author site="Other">Genadz <Gregor> Dubkouskiij<author>

<!-Symbols <> are reserved, they should be replaced with &lt; and &gt; respectively->

<!-The element ‘author’ is not closed->

<!--several persons may be listed as lectors-->

<!-Double hyphen is wrong to use->

<lector site='EPAM'>Aliaksei Ziamnovich</lector>

<attendees>

<attendee site="EPAM" subscription="None">Vasili Hrunkskiij</attendee>

<attendee side="EPAM" subscription=CDP FTM>Sergii Divinitisky</attendee>

<!-The attribute ‘side’ should be ‘site’->

<!-The attribute value ‘CDP FTM’ is not quoted->

</attendeesList>

<!-The element ‘attendeesList’ is not opened. It should be ‘attendees’->

</lecture>

<lecture topic="PAL::Code of Conduct">

<!--PAL -- stands for Process Access Library-->

<!-Double hyphen is wrong to use->

<author site=EPAM>WFT PAL</author>

<!-The attribute value ‘EPAM’ is not quoted->

<lector site=EPAM>Automated Delivery System</lcetor>

<!-The attribute value ‘EPAM’ is not quoted->

<!-The element ‘lcetor’ is not opened. It should be ‘lector’->

<attendees>

<attendee site="EPAM" subscription="Employee">Vasili Hrunkskiij</attendee>

<attendee subscription="Employee">Sergii Divinitisky</attndee>

<!-The attribute ‘site’ is missing->

<!-The element ‘attndee’ is not opened. It should be ‘attendee’->

</attendees>

<materials>

<material type="Video" linkType="URL"><!CDATA[http://epam.com/pal/code]></Material>

<!-CDATA should starts from [ and end with ]]->

<!-The element ‘Material’ is not opened. It should be ‘material’->

</materials>

<lecture>

<!-The element ‘lecture’ is not closed->

<lectures>

<!-The element ‘lectures’ is not closed->

**Corrected version**

<?xml version="1.0" encoding="utf-8"?>

<lectures xmlns="http://lectures.com/xml">

<lecture topic="XML">

<author site="Other">Genadz &lt;Gregor&gt; Dubkouskiij</author>

<!-several persons may be listed as lectors->

<lector site='EPAM'>Aliaksei Ziamnovich</lector>

<attendees>

<attendee site="EPAM" subscription="None">Vasili Hrunkskiij</attendee>

<attendee site="EPAM" subscription="CDP FTM">Sergii Divinitisky</attendee>

</attendees>

</lecture>

<lecture topic="PAL::Code of Conduct">

<!-PAL -- stands for Process Access Library->

<author site="EPAM">WFT PAL</author>

<lector site="EPAM">Automated Delivery System</lector>

<attendees>

<attendee site="EPAM" subscription="Employee">Vasili Hrunkskiij</attendee>

<attendee site="EPAM" subscription="Employee">Sergii Divinitisky</attendee>

</attendees>

<materials>

<material type="Video" linkType="URL"><![CDATA[http://epam.com/pal/code]]></material>

</materials>

</lecture>

</lectures>