

Working with XML

Sr. No.	Assignment Question
1.	<p>The Century Institute of Library and Information Professionals is a leading organization in the United States for librarians and researchers. This organization is a leading master body for librarians and information specialists. It has more than 10,000 workers in sectors, which include business, industry, science and technology, educations, local and self government, health service and other premier libraries.</p> <p>Since the digital age is rapidly changing, the organization felt the need to change the existing membership database. Therefore, to make a future proof and scalable content repository, there is a need to modify and add the extra information.</p> <p>As a person responsible for updating the information, you will create a C# application that shows 10 records in its directory. You will also perform the following tasks in the code:</p> <ul style="list-style-type: none"> Ø Write a node named "Member's Personal Information" and include sub nodes like "Member's Name", "Date of Birth", "Gender" and "Address". Also, write the corresponding strings in it. Ø Write another node "Member's Official Information" that includes sub nodes like "Company's Name", "Years of Experience" and "Field of Expertise". Ø Include these two nodes under a root node "Member". Display the application using the Read() method. Ø Add five more records (members) with the help of CreateElement() method and display the same. Also, since the usage of mobile is becoming extremely popular among the people, using the InsertAfter() method, add another sub node "Mobile Number" under "Member's Personal Information". Ø Modify the data using XmlNode and XmlNodeList classes for the members who have changed their residence and their workplace. Also, display the modified data.
2.	<p>The United States of America's National Internet Safety Information centre is based at the University of Nevada. It was established in the late 90's and was funded by its central government. This centre included information in wide range of fields like computing, forensic science, psychology, information systems management, web technologies and so on.</p> <p>This evidence-based approach to Internet Child Safety was developed to provide awareness among the young people to ensure safety in the online environment. The web site provides information that spread awareness against potential risks like pornography, paedophiles posing as young children in Internet chat rooms, malnutrition and disturbed children committing suicide.</p> <p>Therefore, as member of the safety centre, you will develop a C# application that displays the content on the following:</p> <ul style="list-style-type: none"> Ø An introduction to Internet Ø List of potential risks

	<ul style="list-style-type: none">Ø Consequences of misusing the InternetØ Guidelines and advices for the children against the misuse of the InternetØ The dangers of registering personal details online, cybersex, spam, and inappropriate software. <p>Using the concepts of XML DOM, implement its constructs and display the required data in separate rows. Also list down the examples that relate to at least two of the topics.</p> <p>After the application is developed, it is found that because of the excess content present, the child is not able to distinguish between different information. As a result, this leads to confusion. Therefore, you will present the XML document in a professional manner, which virtually separates the contents from each other.</p>
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