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| Day 19 Assignment  By  Nanam Vaishnavi  19 – Feb - 2022 |

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| 1. **Write C# code to read xml file and print the content from the file.** |
| **CODE** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  // Author : Nanam Vaishnavi  // Purpose : C# code to read xml file and print the content  // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace Day19Project1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocumnt();  doc.Load("G:\\XML files\\project1.xml ");  //XmlNode node = doc.DocumentElement.SelectSingleNode("/Employees/Employee");  foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText; //or loop through its children as well  Console.WriteLine(text);  }  Console.ReadLine();  }  }  } |
| **OUTPUT** |
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| 1. **Write C# code to read xml file and print only employee names from the xml** |
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| **CODE** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  // Author : Nanam Vaishnavi  // Purpose : C# code to read xml file and print only employee names from the xml.  // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace Day19Project2  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("G:\\XML files\\project2.xml");  //XmlNode node = doc.DocumentElement.SelectSingleNode("/Employees/Employee");  foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText; //or loop through its children as well  Console.WriteLine(text);  }  Console.ReadLine();  }  }  } |
| **OUTPUT** |
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| **3. WriteC# code to read xml file and print as below information:**  **Sample Output:**  **1,Meganadh,2000**  **2,Raj,3000** |
| **CODE** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  // Author : Nanam Vaishnavi  // Purpose : C# code to read xml file and print as below information:  // 1,Meganadh,2000  // 2,Raj,3000  // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace Day19Project3  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("G:\\XML files\\Project3.xml");  //XmlNode node = doc.DocumentElement.SelectSingleNode("/Employees/Employee");  foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText; //or loop through its children as well  Console.WriteLine(text);  }  Console.ReadLine();  }  }  } |
| **OUTPUT** |
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| **4. Read Employee ID from user and write C# code to get the employee name from XML for this id.**  **Sample Input:**  **2**  **Sample Output:**  **Raj** |
| **CODE** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  // Author : Nanam Vaishnavi  // Purpose : Read Employee ID from user and write C# code to get the employee name from XML for this id.  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace Day19project4  {  internal class Program  {  static void Main(string[] args)  {  Console.WriteLine("Enter ID: ");  int n = Convert.ToInt32(Console.ReadLine());  XmlDocument file = new XmlDocument();  file.Load("G:\\XML files\\Project4.xml");  foreach (XmlNode node in file.DocumentElement.ChildNodes)  {  foreach (XmlNode node2 in node.ChildNodes)  {  bool id = node2.Name == "ID";  bool isIndex = (id == true ? Convert.ToInt32(node2.InnerText) : 0) == n;  if (id && isIndex)  {  Console.WriteLine($"Name of Employee: {node2.NextSibling.InnerText}.");  }  }  }  Console.ReadLine();  }  }  } |
| **OUTPUT** |
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