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| **DAY 19 ASSIGNMENTS PRESENTED**  **BY**  **POTUKANUMA JEEVITHA**  **17-02-2022** |

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| **1.Write C# code to read xml file and print the content from the file.**  **Sample XML:**  **=============**  **<Employees>**  **<Employee>**  **<ID>1</ID>**  **<Name>Meganadh</Name>**  **<Salary>2000</Salary>**  **</Employee>**  **<Employee>**  **<ID>2</ID>**  **<Name>Raj</Name>**  **<Salary>3000</Salary>**  **</Employee>**  **</Employees>**  **Sample Output:**  **===============**  **1Meganadh2000**  **2Raj3000** |
| **CODE:** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Author: JEEVITHA  //Purpose: C# code to read XML file and print the content  //from the file  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace Day19Project1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("E:\\NBHTraining\\XML Files\\Employees.Xml");  //XmlNode node = doc.DocumentElement.SelectSingleNode("/Products/Products");  foreach (XmlNode Node in doc.DocumentElement.ChildNodes)  {  String text = Node.InnerText;  Console.WriteLine(text);  }  Console.ReadLine();  }  }  } |
| **OUTPUT:** |
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| **2. Write C# code to read xml file and print only employee names from the xml**  **Sample Output:**  **Meganadh**  **Raj** |
| **Code:** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Author: JEEVITHA  // Purpose: C# code to read xml file and print only employee names from the xml  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace project2  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("E:\\NBHTraining\\XML Files\\Employees.Xml");  foreach (XmlNode Node in doc.DocumentElement.ChildNodes)  {  foreach(XmlNode cnode in Node.ChildNodes)  {  if (cnode.Name =="Name")  {  Console.WriteLine(cnode.InnerText);  }  }    }  Console.ReadLine();  }  }  } |
| **Output:** |
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| **3. Write C# 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: JEEVITHA  //Purpose: C# code to read xml file  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace project3  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("D:\\XML2\\Employees1.Xml");  foreach (XmlNode Node in doc.DocumentElement.ChildNodes)  {  String text = Node.InnerText;  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: JEEVITHA  //Purpose: Read Employee ID from user and write C# code to get  //the employee name from XML for this id  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace project4  {  internal class Program  {  static void Main(string[] args)  {  Console.WriteLine("Enter ID Number:");  int input = Convert.ToInt32(Console.ReadLine());  XmlDocument file = new XmlDocument();  file.Load("E:\\NBHTraining\\XML Files\\Employees.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) == input;  if (ID && isIndex)  {  Console.WriteLine($"The Name of the ID is {node2.NextSibling.InnerText}");  }  }  }  Console.ReadLine();  }  }  } |
| **Output:** |
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