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| **Day 19 Assignment**  **By**  **Paluru Mounika**  **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;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Authore:paluru mounika  //Purpose:employee class in XML document  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace day19project1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc=new XmlDocument();  doc.Load("D:\\xml file/employee.XML");  // XmlNode node = doc.DocumentElement.SelectSingleNode("/employees/employee");  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;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Authore:paluru mounika  //Purpose:employee class in XML document  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace day19project1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("D:\\xml file/employee.XML");  // XmlNode node = doc.DocumentElement.SelectSingleNode("/employees/employee");  foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  foreach(XmlNode childNode in node.ChildNodes)  {  if (childNode.Name == "name")  {  Console.WriteLine(childNode.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;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Authore:paluru mounika  //Purpose:employee class in XML document  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace day19project1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("D:\\Xml.File/Employee.XML");  foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText;  Console.WriteLine(text);  }  Console.ReadLine();  }  }  } |
| **Output:** |
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| **4. 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 : paluru mounika  //Purpose : Reading Data(ID) from user and get the output of the Data(Name)  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace Day\_19\_Project\_3  {  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("D:\\xml file/employee.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 ID1 is {node2.NextSibling.InnerText}.");  }  }  }  Console.ReadLine();  }  }  } |
| **Output:** |
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| 5. 5. Write C# code to read JSON file and print the content from the file.  Sample JSON:  ---------------  [  {  "ID": "1",  "Name": "Meganadh",  "Salary": "2000"  },  {  "ID": "2",  "Name": "Raj",  "Salary": "3000"  }  ]  Sample Output:  -----------------  1Meganadh2000  2Raj3000 |
| **Code:** |
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| **Output:** |
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