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| Day19Morning Assignment  By  Anusha Bellala  17-2-2022 |

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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;  namespace Day19Project1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load(@"F:\c# programs\Day18Morning Assignment\Electronics.xml");  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;  namespace Day19Project2  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load(@"F:\c# programs\Day18Morning Assignment\Electronics.xml");  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;  namespace Day19Project3  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load(@"F:\c# programs\Day18Morning Assignment\Electronics.xml");  foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  foreach (XmlNode childNode in node.ChildNodes)  {  if (childNode.Name == "ID")  {  Console.Write("{0}, ", childNode.InnerText);  }  if (childNode.Name == "Name")  {  Console.Write("{0}, ", childNode.InnerText);  }  if (childNode.Name == "Price")  {  Console.Write("{0}\n", childNode.InnerText);  }  }  }  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;  namespace Day19Project4  {  internal class Program  {  static void Main(string[] args)  {  Console.Write("\nEnter Any ID Number from 1- 10, To find the Product : ");  int input = int.Parse(Console.ReadLine());  XmlDocument doc = new XmlDocument();  doc.Load(@"F:\c# programs\Day18Morning Assignment\AttributeBase.xml");  var Mobile = doc.GetElementsByTagName("Laptop")[input - 1].Attributes["Name"].Value;  Console.WriteLine(Mobile);  Console.ReadLine();  }  }  } |
| Output: |