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| Day19 Assignment  (17-02-2022)  By  Ram Charan |

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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;  namespace Day19Project1  {  //Author : Rc  /\*\*\*Purpose:C# code to read xml file and print the content from the file.\*/  class Program  {  static void Main(string[] args)  {  XmlDocument obj = new XmlDocument();  obj.Load("C:\\Users\\admin\\source\\repos\\NHTraining\\Day18Assignments\\Tag.xml");  foreach(XmlNode obj2 in obj.DocumentElement.ChildNodes)  {  Console.WriteLine(obj2.InnerText);  }  Console.ReadLine();  }  }  } |
| **Output**: |
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| **2. Write C# code to read xml file and print only employee names from the xmlSample Output:MeganadhRaj** |
| **Code**: |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;    namespace Day19Project2  {  class Program  {  static void Main(string[] args)  {  XmlDocument obj = new XmlDocument();  obj.Load("C:\\Users\\admin\\source\\repos\\NHTraining\\Day18Assignments\\Tag.xml");  foreach(XmlNode obj2 in obj.DocumentElement.ChildNodes)  {  foreach(XmlNode obj3 in obj2.ChildNodes)  {  //var name = obj3.Name == "Name";  if(obj3.Name=="name")  Console.WriteLine(obj3.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,20002,Raj,3000** |
| **Code**: |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;    namespace Day19Project3  {  class Program  {  static void Main(string[] args)  {  XmlDocument obj = new XmlDocument();  obj.Load("C:\\Users\\admin\\source\\repos\\NHTraining\\Day18Assignments\\Tag.xml");  foreach(XmlNode obj2 in obj.DocumentElement.ChildNodes)  {  foreach(XmlNode obj3 in obj2.ChildNodes)  {  if (obj3.Name == "ID")  {  Console.Write($"{obj3.InnerText} , ");  }  if (obj3.Name == "name")  {  Console.Write($"{obj3.InnerText} , ");  }  if(obj3.Name=="Price")  Console.Write($"{obj3.InnerText} , ");  if(obj3.Name=="Brand")  Console.Write($"{obj3.InnerText} \n");  }  }  Console.ReadLine();  }  }  } |
| Output: |
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| **4. Read Employee ID from user and write C# code to get the employee name fromXML for this id.Sample Input:2Sample Output:Raj** |
| **Code**: |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;    namespace Day19Project4  {  class Program  {  static void Main(string[] args)  {  int input;  Console.WriteLine("Enter ID:");  input = Convert.ToInt32(Console.ReadLine());  XmlDocument obj = new XmlDocument();  obj.Load("C:\\Users\\admin\\source\\repos\\NHTraining\\Day18Assignments\\Tag.xml");  foreach (XmlNode obj2 in obj.DocumentElement.ChildNodes)  {  foreach (XmlNode obj3 in obj2.ChildNodes)  {  bool id = obj3.Name == "ID";  bool isIndex = (id == true ? Convert.ToInt32(obj3.InnerText) : 0) == input;  if(id && isIndex)  {  Console.WriteLine($"{obj3.NextSibling.InnerText}");  }  }    }  Console.ReadLine();  }  }  } |
| **Output**: |
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| END OF THE DAY |