Feb 17th Assignment

By

Surya Teja Chandolu

|  |
| --- |
| 1. Write C# code to read xml file and print the content from the file. |
| Code: |
| using System;  using System.Xml;  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author: Surya Teja  \* Purpose: Read xml file and print the content from the file.  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  namespace XML1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument file = new XmlDocument();  file.Load("S:\\NB\\Assi\\Day1 Morning assignment by Surya Teja Chandolu 24 Jan 2022\\C#\\Day19Feb17\\Products.xml");  foreach(XmlNode node in file.DocumentElement.ChildNodes)  {  Console.WriteLine(node.InnerText);  }  Console.ReadLine();  }  }  } |
| Output: |
|  |

|  |
| --- |
| 1. Write C# code to read xml file and print only product names from the xml |
| Code: |
| using System;  using System.Xml;  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author: Surya Teja  \* Purpose: Read xml file and print only Product names  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  namespace XML2  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument file = new XmlDocument();  file.Load("S:\\NB\\Assi\\Day1 Morning assignment by Surya Teja Chandolu 24 Jan 2022\\C#\\Day19Feb17\\Products.xml");  foreach (XmlNode node in file.DocumentElement.ChildNodes)  {  foreach (XmlNode cNode in node.ChildNodes)  {  var id = cNode.Name == "Id";  var name = cNode.Name == "Name";    if (id)  Console.Write($"Product Id is {cNode.InnerText} ");  if (name)  Console.Write($"Product Name is {cNode.InnerText} \n");  }  }  Console.ReadLine();  }  }  } |
| Output: |
|  |

|  |
| --- |
| 1. Write C# code to read xml file and print Content |
| Code: |
| using System;  using System.Xml;  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author: Surya Teja  \* Purpose: Write C# code to read xml file and print Content  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  namespace XML3  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument file = new XmlDocument();  file.Load("S:\\NB\\Assi\\Day1 Morning assignment by Surya Teja Chandolu 24 Jan 2022\\C#\\Day19Feb17\\Products.xml");  foreach(XmlNode node in file.DocumentElement.ChildNodes)  {  foreach (XmlNode cNode in node.ChildNodes)  {  var id = cNode.Name == "Id";  var name = cNode.Name == "Name";  var brand = cNode.Name == "Brand";  if (id)  Console.Write($"{cNode.InnerText}, ");  if (name)  Console.Write($"{cNode.InnerText}, ");  if (brand)  Console.Write($"{cNode.InnerText} \n");  }  }  Console.ReadLine();  }  }  } |
| Output: |
|  |

|  |
| --- |
| 1. Read Employee ID from user and write C# code to get the employee name |
| Code: |
| using System;  using System.Xml;  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author: Surya Teja  \* Purpose: Read Employee ID from user and write C# code to get the employee name  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  namespace XML4  {  internal class Program  {  static void Main(string[] args)  {  Console.Write("Enter Number: ");  int input = Convert.ToInt32(Console.ReadLine());  XmlDocument file = new XmlDocument();  file.Load("S:\\NB\\Assi\\Day1 Morning assignment by Surya Teja Chandolu 24 Jan 2022\\C#\\Day19Feb17\\Products.xml");  foreach (XmlNode node in file.DocumentElement.ChildNodes)  {  foreach(XmlNode cNode in node.ChildNodes)  {  bool id = cNode.Name == "Id";  bool isIndex = (id == true ? Convert.ToInt32(cNode.InnerText) : 0) == input;  if (id && isIndex)  {  Console.WriteLine($"Name is {cNode.NextSibling.InnerText}.");  }  }  }  Console.ReadLine();  }  }  } |
| Output: |
|  |