|  |
| --- |
| Day 19 Assignment  by Ramakrishna |

|  |
| --- |
| 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 DAay\_19\_project\_1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc= new XmlDocument();  doc.Load("C:\\XMLFILES\\products.Xml.Xml");  //XmlNode node =Doc.DocumentElement.SelectSingleNode("\products\product");  foreach(XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText;  Console.WriteLine(text);  }  Console.ReadLine();  }  }  } |
| Output: |
|  |

|  |
| --- |
| 2. Write C# code to read xml file and print only products names from the xml  Sample Output: |
| Code: |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  namespace Day\_19\_Projecr\_2A  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("C:\\XMLFILES\\Rk.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: |
|  |

|  |
| --- |
| 3. Write C# code to read xml file and print as below information: |
| Code: |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  namespace Day\_\_19\_\_\_Project\_3  {  internal class Program  {  static void Main(string[] args)  {  {  XmlDocument doc = new XmlDocument();  doc.Load("C:\\XMLFILES\\krish.Xml.Xml");  //XmlNode node =Doc.DocumentElement.SelectSingleNode("\products\product");  foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText;  Console.WriteLine(text);  }  Console.ReadLine();  }  }  }  } |
| Output: |
|  |

|  |
| --- |
| 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:  Name |
| Code: |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  namespace Day\_19\_Project\_\_4  {  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("C:\\XMLFILES\\products.Xml.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($"The name of ID is {cnode.NextSibling.InnerText}.");  }  }  }  Console.ReadLine();  }  }  } |
| Output: |
|  |