|  |
| --- |
| DAY 19 ASSIGNMENT  BY  J SIVA NAGA PRASANNA |

|  |
| --- |
| **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 day19pro1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("file:///E:/assignments/day19assignments/Employee.xml.txt");    foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText;  Console.WriteLine(text);  }  Console.ReadLine();  }  }  } |
|  |
|  |

|  |
| --- |
| **2. Write C# code to read xml file and print only employee names from the xml**  **Sample Output:**  **Meghanadh**  **Raj** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  namespace DAY19PRO2  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("file:///E:/assignments/day19assignments/Employee.xml.txt");    foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  foreach (XmlNode childNode in node.ChildNodes)  {  if (childNode.Name == "Name")  {  Console.WriteLine(childNode.InnerText);  }  }  }  Console.ReadLine();  }  }  } |
|  |

|  |
| --- |
| **3. Write C# code to read xml file and print as below information:**  **Sample Output:**  **1,Meganadh,2000**  **2,Raj,3000** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  namespace day19pro1  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("file:///E:/assignments/day19assignments/Employee.xml.txt");    foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText;  Console.WriteLine(text);  }  Console.ReadLine();  }  }  } |
|  |

|  |
| --- |
| **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** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using System.Xml;  namespace day19pro1  {  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("file:///E:/assignments/day19assignments/Employee.xml.txt");  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($"name is {node2.NextSibling.InnerText}.");  }  }  }  Console.ReadLine();  Console.ReadLine();  }  }  } |
|  |