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| Day 19 assignments by Lokesh Nadella |

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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> |
| 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("D:\\nadella\\DAY 19 assignments\\Employee.XML");  // XmlNode node = doc.DocumentElement.SelectSingleNode("/Employees/Employee");  foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText; //or loop through its children as well  Console.WriteLine(text);  }  Console.ReadLine();  }  }  } |
| OUTPUT: |

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| 2.Write a c# code to read xml file and print only employee names from xml?   |  | | --- | |  | |
| 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("D:\\nadella\\DAY 19 assignments\\Employee.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: |

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| `3.Write a c# code to read xml 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 day19project3  {  internal class Program  {  static void Main(string[] args)  {  XmlDocument doc = new XmlDocument();  doc.Load("D:\\nadella\\DAY 19 assignments\\Employee.xml");  // XmlNode node = doc.DocumentElement.SelectSingleNode("/employess/employee");  foreach (XmlNode node in doc.DocumentElement.ChildNodes)  {  string text = node.InnerText; //or loop through its children as well  Console.WriteLine(text);  }  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 |
| 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.WriteLine("Enter ID Number: ");  int input = Convert.ToInt32(Console.ReadLine());  XmlDocument file = new XmlDocument();  file.Load("D:\\nadella\\DAY 19 assignments\\Employee.xml");  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($"The Name of the ID is {node2.NextSibling.InnerText}.");  }  }  }  Console.ReadLine();  }  }  } |
| Output: |