Day 19 Assignment
by
Vinay Kudali
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NB Healthcare
Technologies

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
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //Author: Vinay Kudali
            //Purpose: Creating Xml Code Printing Names Only

            XmlDocument doc = new XmlDocument();
            doc.Load("D:\\Day 19 Assignment By Vinay
Kudali\\XmlFiles\\Tagxml.xml");

            XmlNode node =
doc.DocumentElement.SelectSingleNode("/products/product");
            foreach (XmlNode node2 in doc.DocumentElement.ChildNodes)
            {
                string text = node2.InnerText;
                Console.WriteLine(text);
            }
```
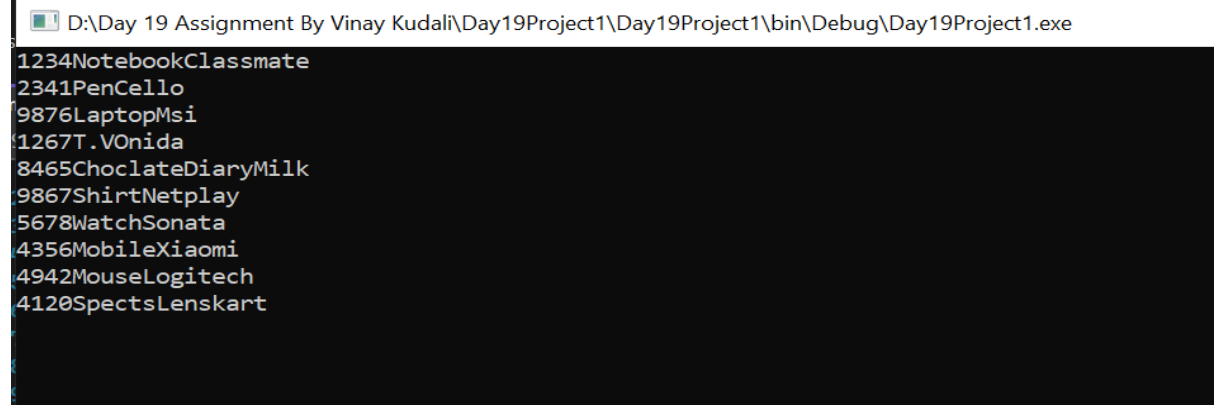
```
        Console.ReadLine();


    }

  }
}
```

Output:

```
1234NotebookClassmate
2341PenCello
9876LaptopMsi
1267T.VOnida
8465ChoclateDiaryMilk
9867ShirtNetplay
5678WatchSonata
4356MobileXiaomi
4942MouseLogitech
4120SpectsLenskart
```

2. Write C# code to read xml file and print only product names from the xml

Code:

```csharp
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)
        {
            //Author: Vinay Kudali
            //Purpose: Creating Xml Code Printing Names Only

            XmlDocument doc = new XmlDocument();
```

```
        doc.Load("D:\\Day 19 Assignment By Vinay Kudali\\XmlFiles\\Tagxml.xml");

        //XmlNode node = doc.DocumentElement.SelectSingleNode("/products/product");
        foreach (XmlNode node2 in doc.DocumentElement.ChildNodes)
        {
            foreach (XmlNode node3 in node2.ChildNodes)
            {
                if (node3.Name=="ProductName")
                    Console.WriteLine(node3.InnerText);
            }

        }
        Console.ReadLine();


    }

  }
}
```
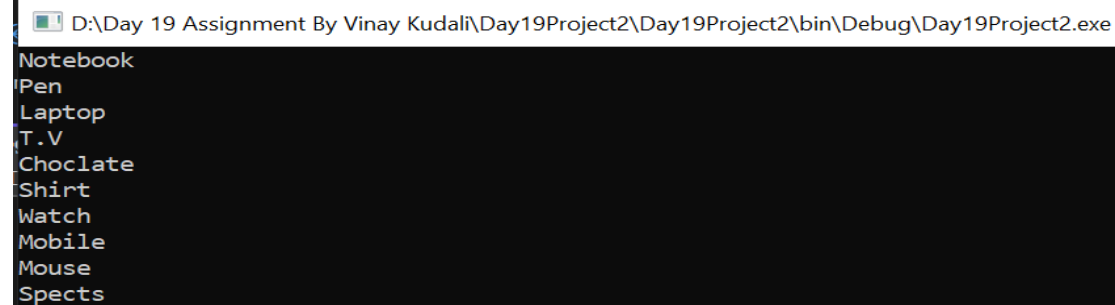
Output:

```
 D:\Day 19 Assignment By Vinay Kudali\Day19Project2\Day19Project2\bin\Debug\Day19Project2.exe
Notebook
Pen
Laptop
T.V
Choclate
Shirt
Watch
Mobile
Mouse
Spects
```

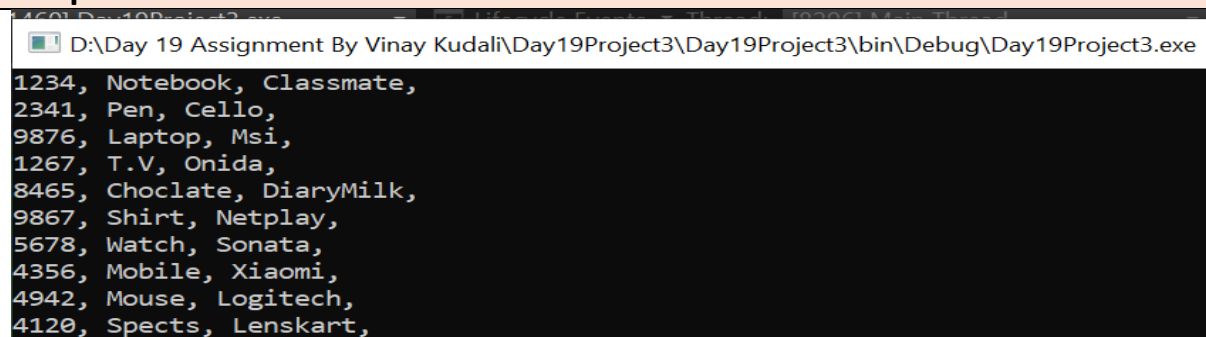| **3. Write C# code to read xml file and print as below information:Sample Output:1, Meganadh,20002, Raj,3000** |
|---|
| **Code:** |
| using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Xml; |

```
namespace Day19Project1
{
    internal class Program
    {
        //Author: Vinay Kudali
        //Purpose: Creating xml and printing two details
        static void Main(string[] args)
        {
            XmlDocument doc = new XmlDocument();
            doc.Load("D:\\Day 19 Assignment By Vinay Kudali\\XmlFiles\\Tagxml.xml");

            //XmlNode node = doc.DocumentElement.SelectSingleNode("/products/product");
            foreach (XmlNode node2 in doc.DocumentElement.ChildNodes)
            {
                foreach (XmlNode node3 in node2.ChildNodes)
                {
                    if (node3.Name=="ProductId")
                        Console.Write($"{node3.InnerText}, ");
                    if (node3.Name=="ProductName")
                        Console.Write($"{node3.InnerText}, ");
                    if (node3.Name=="ProductBrand")
                        Console.Write($"{node3.InnerText}, \n");
                }

            }
            Console.ReadLine();


        }

    }
}
```

Output:

D:\Day 19 Assignment By Vinay Kudali\Day19Project3\Day19Project3\bin\Debug\Day19Project3.exe

```
1234, Notebook, Classmate,
2341, Pen, Cello,
9876, Laptop, Msi,
1267, T.V, Onida,
8465, Choclate, DiaryMilk,
9867, Shirt, Netplay,
5678, Watch, Sonata,
4356, Mobile, Xiaomi,
4942, Mouse, Logitech,
4120, Spects, Lenskart,
```