

## Day 19 Assignment

By

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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
{
    class Program
    {
        static void Main(string[] args)
        {
            XmlDocument xml = new XmlDocument();
            xml.Load("D:\\XmlFiles\\Tagsxml.xml");
            foreach(XmlNode node in xml.DocumentElement.ChildNodes)
            {
                string text = node.InnerText;
                Console.WriteLine(text);
            }
            Console.ReadLine();
        }
    }
}
```

Output:

```
1Bag500
2Mobile20000
3Table1000
4TV50000
5Shoes1800
6KeyBoard1000
7Printer1000
8Air Conditioner50000
9Water Purifier5000
10Chair5000
```

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

Code:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Xml;

namespace Day19project2
{
    class Program
    {
        static void Main(string[] args)
        {
            XmlDocument xml = new XmlDocument();
            xml.Load("D:\\XmlFiles\\Tagsxml.xml");
            foreach (XmlNode node in xml.DocumentElement.ChildNodes)
            {
                foreach(XmlNode node1 in node.ChildNodes)
                {
                    if(node1.Name=="Name")
                        Console.WriteLine(node1.InnerText);
                }
            }
            Console.ReadLine();
        }
    }
}
```

```
}
```

Result:

```
Bag
Mobile
Table
TV
Shoes
KeyBoard
Printer
Air Conditioner
Water Purifier
Chair
```

### 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 Day19project2
{
    class Program
    {
        static void Main(string[] args)
        {
            XmlDocument xml = new XmlDocument();
            xml.Load("D:\\XmlFiles\\Tagsxml.xml");
            foreach (XmlNode node in xml.DocumentElement.ChildNodes)
            {
                foreach (XmlNode node1 in node.ChildNodes)
                {
                    if (node1.Name == "Id")
                        Console.Write($"{node1.InnerText},");
                    if (node1.Name == "Name")
                        Console.Write($"{node1.InnerText},");
                    if (node1.Name == "Price")
```

```
        Console.WriteLine($"{node1.InnerText}\n");

    }

}
Console.ReadLine();
}
}
```

Output:

```
1,Bag,500
2,Mobile,20000
3,Table,1000
4,TV,50000
5,Shoes,1800
6,KeyBoard,1000
7,Printer,1000
8,Air Conditioner,50000
9,Water Purifier,5000
10,Chair,5000
```