HILOKAL- TASK 4

Exporting data using code (C#)

1. Firstly, create a path/directory using the code below

```csharp
using System.Xml;
```

2. Retrieve using the code

```csharp
String URLString = "http://localhost/data.xml";
```

3. Reading data

```csharp
while (reader.Read())
{
    switch (reader.NodeType)
    {
        case XmlNodeType.Element:
            Console.Write("<" + reader.Name);
            Console.WriteLine(">");
            break;

        case XmlNodeType.Text: //Display the text in each element.
            Console.WriteLine (reader.Value);
            break;

        case XmlNodeType. EndElement:
            Console.Write("</" + reader.Name);
            Console.WriteLine(">");
            break;
    }
}
```

4. Inspect the data

```csharp
while (reader.Read())
{
    switch (reader.NodeType)
    {
        case XmlNodeType.Element:
            Console.Write("<" + reader.Name);

            while (reader.MoveToNextAttribute())
```

```
                Console.Write(" " + reader.Name + "='" + reader.Value +
"'");
            Console.Write(">");
            Console.WriteLine(">");
            break;
        case XmlNodeType.Text:
            Console.WriteLine (reader.Value);
            break;
        case XmlNodeType. EndElement:
            Console.Write("</" + reader.Name);
            Console.WriteLine(">");
            break;
    }
  }
```

5. Final code

```
using System;
using System.Xml;

namespace ReadXMLfromURL
{
    /// <summary>

    /// </summary>
    class Class1
    {
        static void Main(string[] args)
        {
            String URLString = "http://localhost/data.xml";
            XmlTextReader reader = new XmlTextReader (URLString);

            while (reader.Read())
            {
                switch (reader.NodeType)
                {
                    case XmlNodeType.Element
                        Console.Write("<" + reader.Name);

                        while (reader.MoveToNextAttribute())
                            Console.Write(" " + reader.Name + "='" +
reader.Value + "'");
                        Console.Write(">");
                        Console.WriteLine(">");
                        break;
                    case XmlNodeType.Text:
                        Console.WriteLine (reader.Value);
                        break;
                    case XmlNodeType. EndElement:
                        Console.Write("</" + reader.Name);
                        Console.WriteLine(">");
                        break;
                }
```

```
                    }
                }
            }
        }
```