

## DAY 15 ASSIGNMENT

-- BY SARATH KASIMSETTY

### 3) WACP to write data into file (and append the data) using Stream writer class.

#### CODE:

```
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
//sarath kasimsetty
// WACP to write data into file (and append the data) using Stream writer class.

namespace Day15Project3_streamwriter_
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //File.Delete("F:\\File data\\meetdata.txt");

            // Console.WriteLine("File created of MeetingData");

            StreamWriter sw = new StreamWriter("F:\\File data\\meetdata.txt", true);
            //To push line by line to file by using streamwriter
            /*
            sw.WriteLine("Hi");
            sw.WriteLine("I'm sarath");
            sw.WriteLine("I will meet you 28feb 2022");
            sw.WriteLine("Thank you");
            sw.Close();

            sw.WriteLine("Hi");
            sw.WriteLine("I am priya");
            sw.WriteLine("I will meet you next week");
            sw.WriteLine("Thank you");
            sw.Close();
            */
            sw.WriteLine("Hello");
            sw.WriteLine("I am siva");
            sw.WriteLine("I will meet you as will as possible");
            sw.WriteLine("Thank you");
            sw.Close();
        }
    }
}
```

```
        Console.WriteLine("Done");  
        Console.ReadLine();  
    }  
}
```

## OUTPUT:



Done

meetdata.txt - Notepad

File Edit Format View Help

```
Hi  
I'm sarath  
I will meet you 28feb 2022  
Thank you  
Hi  
I am priya  
I will meet you next week  
Thank you  
Hello  
I am siva  
I will meet you as will as possible  
Thank you  
Hello  
I am siva  
I will meet you as will as possible  
Thank you  
Hello  
I am siva  
I will meet you as will as possible  
Thank you
```

#### 4) Research and write C# program to read data from file.

##### CODE:

```
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
//sarath kasimsetty
//Research and write C# program to read data from file.

namespace Day15Project4_StreamReader_
{
    internal class Program
    {
        static void Main(string[] args)
        {
            // read file by sing streamreader
            StreamReader sr = new StreamReader("F:\\File data\\update.txt");//file path

            string data= sr.ReadToEnd();//Read all character by end of the stream
            Console.WriteLine(data);

            Console.WriteLine("Reading file done");
            Console.ReadLine();
        }
    }
}
```

##### CODE2:

```
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
//sarath kasimsetty
//Research and write C# program to read data from file.

namespace Day15Project4_StreamReader_
{
    internal class Program
    {
        static void Main(string[] args)
        {
            // read file by sing streamreader
            StreamReader sr = new StreamReader("F:\\File data\\update.txt");//file path
            /*
            string data= sr.ReadToEnd();//Read all character by end of the stream
            Console.WriteLine(data);
            */

            string data = sr.ReadLine();
        }
    }
}
```

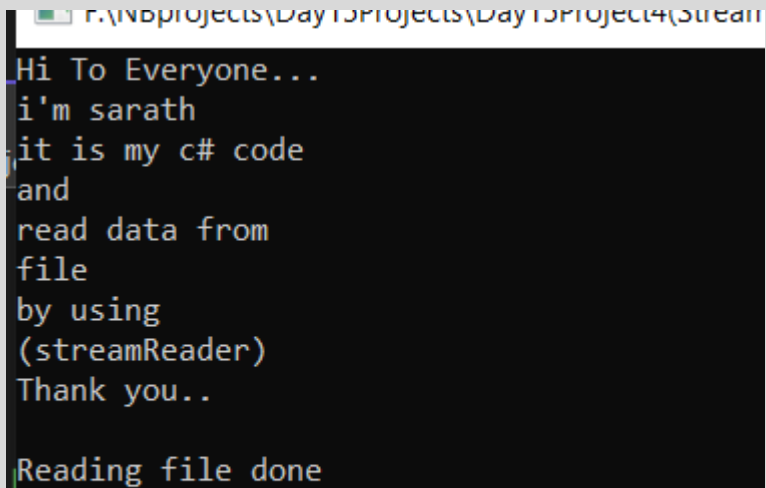
```

        while (data != null)
        {
            Console.WriteLine(data);
            data = sr.ReadLine();
        }

        Console.WriteLine("Reading file done");
        Console.ReadLine();
    }
}

```

## OUTPUT:



The screenshot shows a console window with the following output:

```

Hi To Everyone...
i'm sarath
it is my c# code
and
read data from
file
by using
(streamReader)
Thank you..

Reading file done

```

**5) Modify the quiz application to save the name and score in the flat file.  
No need to display the score to end user.**

## CODE:

```

using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

```

```

namespace Day15Project5_Quiz_
{
    internal class Program
    {
        static void Main(string[] args)
        {
            int ans, score = 0;
            string name;
            char enter, i = 'y';

            Console.WriteLine("Enter you Name: ");
            name = Console.ReadLine();

            Console.WriteLine("*****");
            Console.WriteLine("Hello {0} ,Welcome to quiz by Sarath ", name);
            Console.WriteLine("*****");

            Console.WriteLine("Are you ready for quiz {0},Enter a 'y' or 'n' ?", name);
            enter = Convert.ToChar(Console.ReadLine());

            if (enter == 'y')
            {

                Console.WriteLine("Q1. How many states in India?");
                Console.WriteLine("1. 28      2. 26      3. 18      4. 29");
                Console.WriteLine("select your options:");
                ans = Convert.ToInt32(Console.ReadLine());

                if (ans == 1)
                    score += 20;

                Console.WriteLine("Q2. Who is the father of our nation?");
                Console.WriteLine("1. jawaharlal nehru      2. mahatma gandhi      3. subhas  
chandhra bose ");
                Console.WriteLine("select your options:");
                ans = Convert.ToInt32(Console.ReadLine());

                if (ans == 2)
                    score += 20;

                Console.WriteLine("Q3. Fastest animal on earth is?");
                Console.WriteLine("1. camel      2. lion      3. snake      4. cheetah");
                Console.WriteLine("select your options:");
                ans = Convert.ToInt32(Console.ReadLine());

                if (ans == 4)
                    score += 20;

                Console.WriteLine("Q4. What is size of the 1GB ?");
                Console.WriteLine("1. 1024KB      2. 500MB      3. 1024MB      4. 1024GB");
                Console.WriteLine("select your options:");
                ans = Convert.ToInt32(Console.ReadLine());
            }
        }
    }
}

```

```

        if (ans == 3)
            score += 20;

        Console.WriteLine("Q5. How many players are there in a cricket team?");
        Console.WriteLine("1. 7    2. 10    3. 18    4. 11 ");
        Console.WriteLine("select your options:");
        ans = Convert.ToInt32(Console.ReadLine());

        if (ans == 4)
            score += 20;

        StreamWriter sn = new StreamWriter("F:\\File data\\quiz data.txt", true);
        sn.WriteLine(name);
        sn.WriteLine(score);
        sn.Close();

        Console.WriteLine("Score is recorded , Admin update to you by email");

        /*if (score >= 60)
            Console.WriteLine("Congratulation {0}, you got {1}% in this quiz",
name, score);
        else
            Console.WriteLine("Sorry {0}, you got {1}% in this quiz. Try
again{0}", name, score);*/

        Console.ReadLine();
    }
}
}
}

```

**OUTPUT:**

F:\NBprojects\Day15Projects\Day15Project5(Quiz)\Day15Project5(Quiz)\bin\Debug\Day15P

Enter you Name:

SANDEEP

\*\*\*\*\*

Hello SANDEEP ,Welcome to quiz by Sarath

\*\*\*\*\*

Are you ready for quiz SANDEEP,Enter a 'y' or 'n' ?

y

Q1. How many states in India?

1. 28      2. 26      3. 18      4. 29

select your options:

1

Q2. Who is the father of our nation?

1. jawaharlal nehru      2. mahatma gandhi      3. subhas chandhra bose

select your options:

2

Q3. Fastest animal on earth is?

1. camel      2. lion      3. snake      4. cheetah

select your options:

4

Q4. What is size of the 1GB ?

1. 1024KB      2. 500MB      3. 1024MB      4. 1024GB

select your options:

3

Q5. How many players are there in a cricket team?

1. 7      2. 10      3. 18      4. 11

select your options:

4

Score is recorded , Admin update to you by email