

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();
        }
    }
}
```

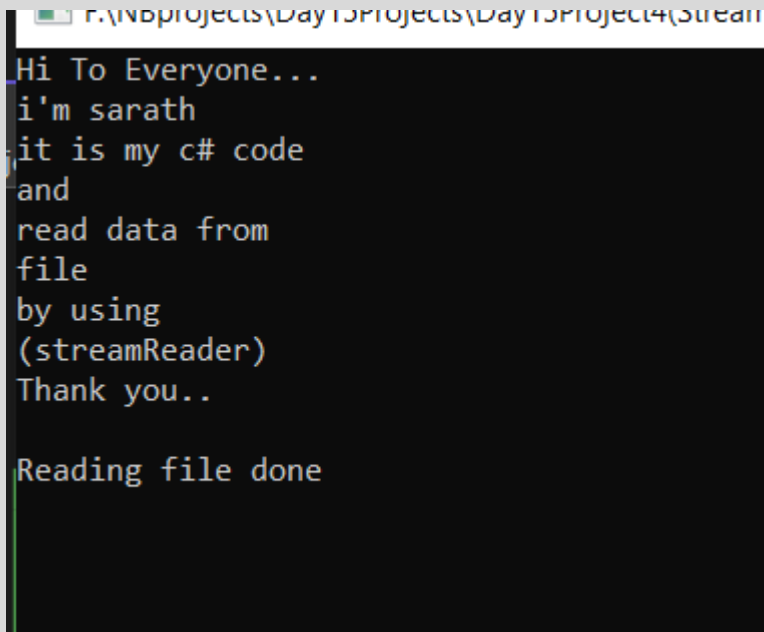
```

        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

CODE:

```
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
//sarath kasimsetty
// WACP to copy files from one folder to other folder.
// Schedule this job to be executed at daily some time.

namespace Day15Project2_copyFile_
{
    internal class Program
    {
        static void Main(string[] args)
        {
            // string filesourcepath=@"F:\File data\quiz data.txt";
            // string filedestpath = @"D:\Backup data\taskscheduler.txt";

            File.Copy("F:\\File data\\quiz data.txt", "D:\\Backup
data\\taskscheduler.txt");

            Console.WriteLine("Backup success");

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

OUTPUT:

Task Scheduler

FileActionViewHelp

Task Scheduler (Local)

Task Scheduler Library

Task Scheduler Summary (Last refreshed: 2/14/2022 1:34:27 AM)

Overview of Task Scheduler

You can use Task Scheduler to create and manage common tasks that your computer will carry out automatically at the times you specify. To begin, click a command in the Action menu.

Tasks are stored in folders in the Task Scheduler Library. To view or perform an operation on an individual task, select the task in the Task Scheduler Library and click on a command in the Action menu.

Task Status

Status of tasks that have started in the following time period: Last 24 hours

Summary: 0 total - 0 running, 0 succeeded, 0 stopped, 0 failed

Task Name	Run Result	Run Start	Run End	Triggered By
-----------	------------	-----------	---------	--------------

Active Tasks

Active tasks are tasks that are currently enabled and have not expired.

Summary: 112 total

Task Name	Next Run Time	Triggers	Location
MicrosoftEdgeUpdateTaskMachine...	2/14/2022 1:36:48 AM	At 8:36 AM every day - Af...	\
GoogleUpdateTaskMachineUA	2/14/2022 2:33:17 AM	At 7:33 PM every day - Af...	\
PoqPatchDbTask	2/14/2022 4:52:44 AM	At 3:00 AM on 9/1/2008 - ...	\Microsoft\WindowsAp...
Power...	2/14/2022 3:18:31 AM	At 10:15 AM every day - ...	\Microsoft\WindowsP...

Last refreshed at 2/14/2022 1:34:27 AM

Refresh

Actions

Task Scheduler (Local)

Connect to Another Computer...

Create Basic Task...

Create Task...

Import Task...

Display All Running Tasks

Enable All Tasks History

AT Service Account Configuration

View

Refresh

Help

Creates a customized task for advanced users.

23°C Mostly c...

1:36 AM

