

Day 15 Assignment

By

Triveni Anumolu

11-02-2022

1. Research and write at least 10 methods present in File Class. Illustrate with code example.

1.Create:

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

namespace Day15project2
{
    class Program
    {
        static void Main(string[] args)
        {
            File.Create("D:\\DotnetProjects\\Day15Assignment\\File.txt");
            Console.WriteLine("File is Created");
            Console.WriteLine();
            Console.ReadLine();
        }
    }
}
```

Result:

File is Created

☐ Name

^

Date modified

Type

Size

 File.txt

12-02-2022 13:41

Text Document

0 KB

2.WriteAllText:

```
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Text;
```

```

using System.Threading.Tasks;

namespace Day15project2
{
    class Program
    {
        static void Main(string[] args)
        {
            File.WriteAllText("D:\\DotnetProjects\\Day15Assignment\\File.txt", "Hello");
            Console.WriteLine("Text is added");


            Console.ReadLine();


        }
    }
}

```

Result:

Text is added

☒  File.txt

 File.txt - Notepad

File Edit Format View Help

Hello

3.Copy:

```

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

namespace Day15project2
{
    class Program
    {
        static void Main(string[] args)
        {

```

```
File.Copy("D:\\DotnetProjects\\Day15Assignment\\File.txt",
"D:\\DotnetProjects\\NewFile\\File.txt");
Console.WriteLine("File is copied");

Console.ReadLine();

    }
}
}
```

Result:

File is copied



Name



File.txt

4.GetLastWriteTime

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

```
namespace Day15project2
{
    class Program
    {
        static void Main(string[] args)
        {
```

```
Console.WriteLine(File.GetLastWriteTime("D:\\DotnetProjects\\Day15Assignment\\File.txt"))
;
        Console.ReadLine();

    }
}
}
```

Result:

12-02-2022 13:54:17

5.AppendAllText

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

namespace Day15project2
{
    class Program
    {
        static void Main(string[] args)
        {
            File.AppendAllText("D:\\DotnetProjects\\Day15Assignment\\File.txt", "hi");
            Console.WriteLine("Text is appended");
            Console.ReadLine();
        }
    }
}
```

Result:

Hello hi

6.FileReadAllText:

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

namespace Day15project2
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine(File.ReadAllText("D:\\DotnetProjects\\Day15Assignment\\File.txt"));
            Console.ReadLine();
        }
    }
}
```

Result:

Hello hi

7.GetLastAccessTime

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

namespace Day15project2
{
    class Program
    {
        static void Main(string[] args)
        {

Console.WriteLine(File.GetLastAccessTime("D:\\DotnetProjects\\Day15Assignment\\File.txt"
));
        Console.ReadLine();

        }
    }
}
```

Result:

12-02-2022 14:54:59

8.GetCreationTime:

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

namespace Day15project2
{
    class Program
    {
        static void Main(string[] args)
        {

Console.WriteLine(File.GetCreationTime("D:\\DotnetProjects\\Day15Assignment\\File.txt"));
        Console.ReadLine();

        }
    }
}
```

```
}  
}  
}
```

Result:



12-02-2022 13:39:17

9.Move:

```
using System;  
using System.Collections.Generic;  
using System.IO;  
using System.Linq;  
using System.Text;  
using System.Threading.Tasks;  
  
namespace Day15project2  
{  
    class Program  
    {  
        static void Main(string[] args)  
        {  
            File.Move("D:\\DotnetProjects\\Day15Assignment\\File.txt", "D:\\DotnetProjects\\New  
folder\\File.txt");  
            Console.ReadLine();  
        }  
    }  
}
```

Result:

This PC > Local Disk (D:) > DotnetProjects > New folder

	<input type="checkbox"/> Name	Date modified
	File.txt	12-02-2022 14:42

10.Delete:

```
using System;  
using System.Collections.Generic;  
using System.IO;  
using System.Linq;  
using System.Text;  
using System.Threading.Tasks;  
  
namespace Day15project2  
{
```

```

class Program
{
    static void Main(string[] args)
    {
        File.Delete("D:\\DotnetProjects\\New folder\\File.txt");
        Console.ReadLine();
    }
}

```

Result:

This PC > Local Disk (D:) > DotnetProjects > New folder

^	<input type="checkbox"/> Name	^	Date modified	Type	Size
This folder is empty.					

2. WACP to copy files from one folder to other folder. Schedule this job to be executed at daily some time.
put the screen shot of task scheduler.

Code:

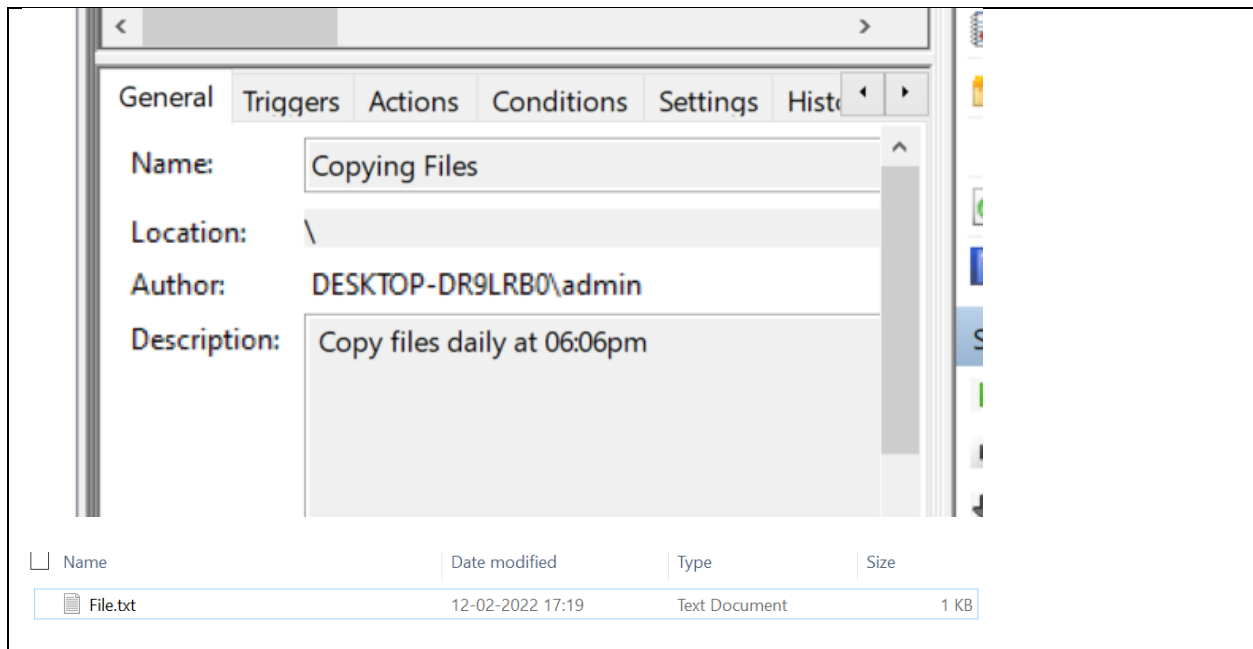
```

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

namespace Day15project5
{
    class Program
    {
        static void Main(string[] args)
        {
            File.Copy("D:\\DotnetProjects\\Day15Assignment\\File.txt", "D:\\DotnetProjects\\NewFile\\File.txt");
            Console.WriteLine("File is copied");
            Console.ReadLine();
        }
    }
}

```

Result:



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;

namespace Day15project3
{
    class Program
    {
        static void Main(string[] args)
        {
            StreamWriter sr = new StreamWriter("D:\\DotnetProjects\\Stream\\sample.txt");
            sr.WriteLine("ABC");
            sr.WriteLine("DEF");
            sr.WriteLine("GHI");
            sr.Close();
            Console.WriteLine("Data entered");
            Console.ReadLine();
        }
    }
}
```



```
}
```

Result:



sample.txt - Notepad

File Edit Format View Help

ABC

DEF

GHI



D:\DotnetProjec

Data entered

Appending data:

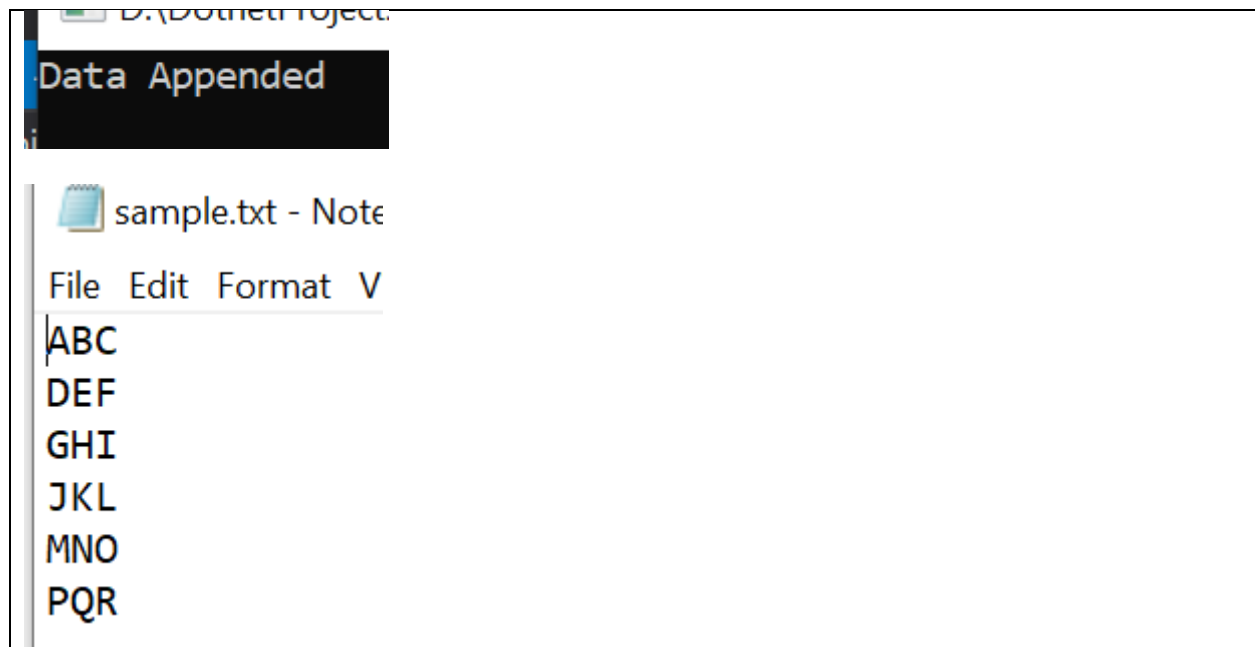
Code:

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

namespace Day15project3
{
    class Program
    {
        static void Main(string[] args)
        {
            StreamWriter sr = new StreamWriter("D:\\DotnetProjects\\Stream\\sample.txt",true);
            sr.WriteLine("JKL");
            sr.WriteLine("MNO");
            sr.WriteLine("PQR");
            sr.Close();
            Console.WriteLine("Data Appended");
            Console.ReadLine();

        }
    }
}
```

Result:



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;

namespace Day15project4
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine(File.ReadAllText("D:\\DotnetProjects\\Stream\\sample.txt"));
            Console.ReadLine();
        }
    }
}
```

Result:



D:\DotnetProjects\Day15Assignment\De

ABC
DEF
GHI
JKL
MNO
PQR

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 Day15project1
{
    class Program
    {
        static void Main(string[] args)
        {
            int score = 0, ans;
            String name;
            Console.WriteLine("Enter your name");
            name = Console.ReadLine();
            Console.WriteLine("#####");
            Console.WriteLine("Hi {0}. Welcome to the quiz by Triveni", name);
            Console.WriteLine("#####");

            Console.WriteLine("Q1. who is the recent movie of surya :");
            Console.WriteLine("1.Gajini 2.Singham 3.Aakasam ye ne haddu ra 4.Jai Bheem");
            Console.WriteLine("enter your choice");
            ans = Convert.ToInt32(Console.ReadLine());
            if (ans == 4)
                score += 20;
```

```

        Console.WriteLine("Q2. who is the hero in Leader :");
        Console.WriteLine("1.Charan 2.Rana 3.Ram 4.Prabhas");
        Console.WriteLine("enter your choice");
        ans = Convert.ToInt32(Console.ReadLine());
        if (ans == 2)
            score += 20;

        Console.WriteLine("Q3. what is the hero character name in Dookudu:");
        Console.WriteLine("1.Ajay 2.Surya 3.Siva 4.Pardhu");
        Console.WriteLine("enter your choice");
        ans = Convert.ToInt32(Console.ReadLine());
        if (ans == 1)
            score += 20;

        Console.WriteLine("Q4. who played father character of heroine in Nuvve Nuvve
movie?");
        Console.WriteLine("1.Prakash Raj 2.Rao Ramesh 3.Jagapathi Babu 4.Surya");
        Console.WriteLine("enter your choice");
        ans = Convert.ToInt32(Console.ReadLine());
        if (ans == 1)
            score += 20;

        Console.WriteLine("Q5. who is the hero in 118:");
        Console.WriteLine("1.Ram Charan 2.Ravi Teja 3.NTR 4.Kalyan Ram");
        Console.WriteLine("enter your choice");
        ans = Convert.ToInt32(Console.ReadLine());
        if (ans == 4)
            score += 20;

        Console.WriteLine("Congratulations!!! Your quiz is completed. Admin will let you
know your score");
        StreamWriter sw = new
StreamWriter("D:\\DotnetProjects\\Day15Assignment\\QuizScore.txt",true);
        sw.WriteLine($"Score={score}");
        sw.Close();

        File.WriteAllText("D:\\DotnetProjects\\Day15Assignment\\QuizScore.txt",$"Score={score}");
        Console.ReadLine();

    }
}
}

```

Result:

```
Enter your name
ABC
#####
Hi ABC.Welcome to the quiz by Triveni
#####
Q1. who is the recent movie of surya :
1.Gajini 2.Singham 3.Aakasam ye ne haddu ra 4.Jai Bheem
enter your choice
4
Q2. who is the hero in Leader :
1.Charan 2.Rana 3.Ram 4.Prabhas
enter your choice
2
Q3. what is the hero character name in Dookudu:
1.Ajay 2.Surya 3.Siva 4.Pardhu
enter your choice
1
Q4. who played father character of heroine in Nuvve Nuvve movie?
1.Prakash Raj 2.Rao Ramesh 3.Jagapathi Babu 4.Surya
enter your choice
1
Q5. who is the hero in 118:
1.Ram Charan 2.Ravi Teja 3.NTR 4.Kalyan Ram
enter your choice
2
Congratulations!!! Your quiz is completed. Admin will let you know your score
```



QuizScore.txt - Notepad

File Edit Format View Help

Score=80