DAY 15 ASSIGNMENT
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11TH FEB 2022

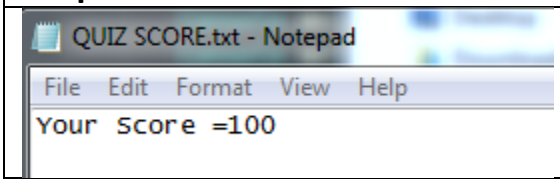
5Q. Modify the quiz application to save name and score in the flat file no need to display the score to end user

Code:

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

namespace QUIZ_program
{
    internal class Program
    {
        static void Main(string[] args)
        {
            //variable declaration
            int score = 0, ans;
            string name;

            //user input
            Console.WriteLine("Enter your name");
            name = Console.ReadLine();
            Console.WriteLine("*****************************************");
            Console.WriteLine("Hi {0}, Welcome to Manohar's Quiz", name);
            Console.WriteLine("*****************************************");
            Console.WriteLine("1.How many days are there in a week?");
            Console.WriteLine("1.8 2.6 3.7 4.9");
            Console.WriteLine("Enter your choice:");
            ans = Convert.ToInt32(Console.ReadLine());
            if (ans == 3)
                score += 20;
            Console.WriteLine("2.Who is the cheif Minister of Telangana?");
            Console.WriteLine("1.KCR  2.KTR 3.HARISH ROA 4.K KAVITHA");
            Console.WriteLine("Enter your choice:");
            ans = Convert.ToInt32(Console.ReadLine());
            if (ans == 1)
                score += 20;
            Console.WriteLine("3.Who is the Prime Minister of India?");
            Console.WriteLine("1.Manmohan singh 2.Soniya Gandi 3.Narendra Modi 4.Rahul Gandi");
            Console.WriteLine("Enter your choice:");
            ans = Convert.ToInt32(Console.ReadLine());
```

```
            if (ans == 3)
                score += 20;
            Console.WriteLine("4.How many months are there in a year?");
            Console.WriteLine("1.15  2.12   3.8   4.10");
            Console.WriteLine("Enter your choice:");
            ans = Convert.ToInt32(Console.ReadLine());
            if (ans == 2)
                score += 20;
            Console.WriteLine("5.Sun rises in the?");
            Console.WriteLine("1.South 2.West   3.North   4.East");
            Console.WriteLine("Enter your choice:");
            ans = Convert.ToInt32(Console.ReadLine());
            if (ans == 4)
                score += 20;
            if (score >= 60)
                Console.WriteLine($"congrtaualaion! {name} Admin will let you know the  score");
            File.WriteAllText($"D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\QUIZ SCORE.txt", $"Your Score ={score}");

            Console.ReadLine();




        }
    }
}
```

Output:

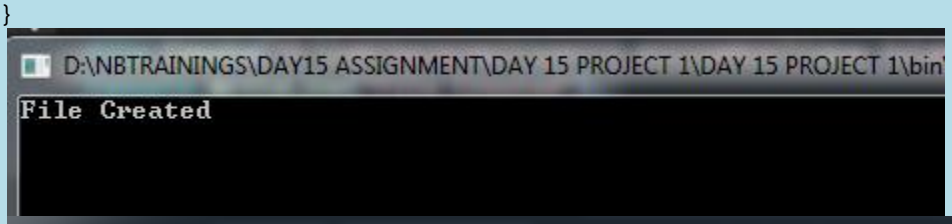


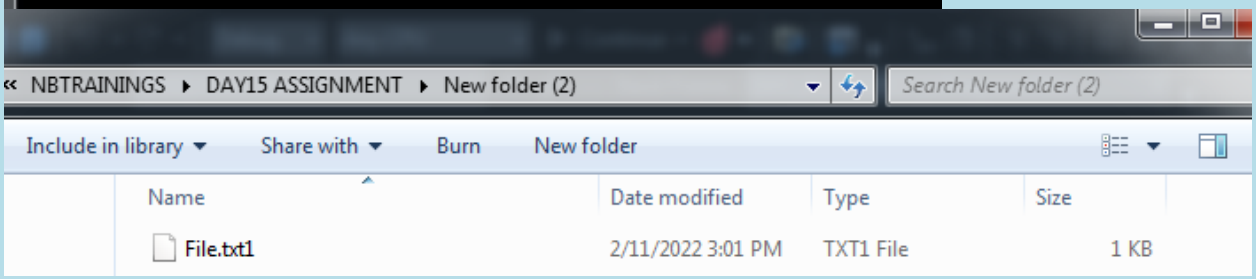
Q1Research and write 10 methods in file class illustrate with code example

1.create

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

namespace DAY_15_PROJECT_1
{
    internal class Program
    {
        static void Main(string[] args)
```

```
        {
            File.Create("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder\\File.txt");
            Console.WriteLine("File Created");
            Console.ReadLine();
        }
    }
}
```

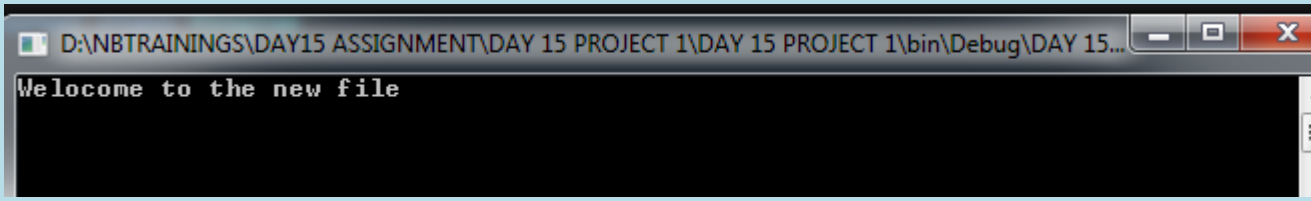


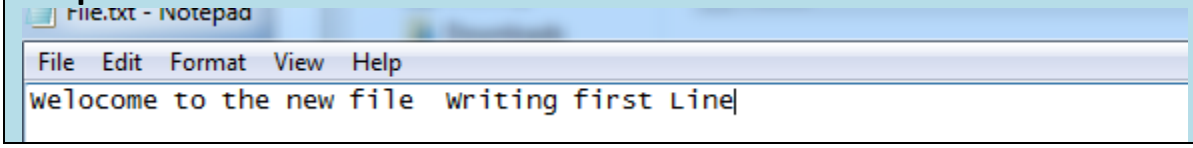


2.Writealltext:

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

namespace DAY_15_PROJECT_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            File.WriteAllText("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder\\File.txt", "Welocome to the new file");
            Console.WriteLine("Welocome to the new file");
            Console.ReadLine();
        }
    }
}
```

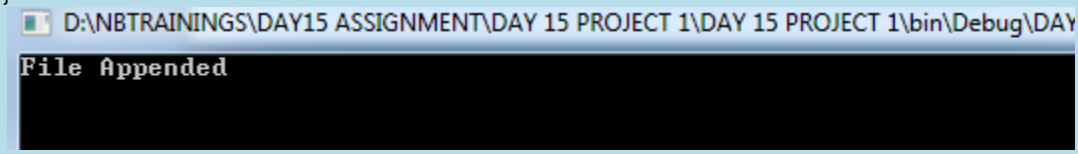
Output:





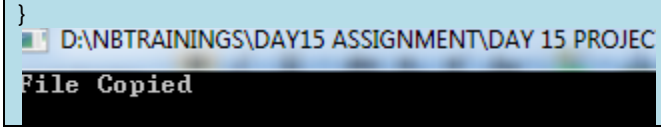
Appended:

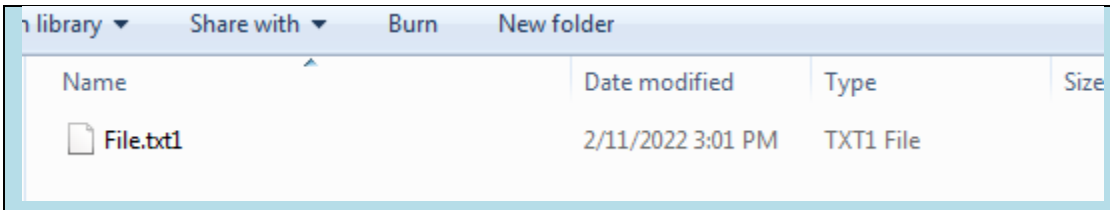
```
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace DAY_15_PROJECT_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            File.AppendAllText("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder\\File.txt","Writing first Line" );
            Console.WriteLine("File Appended");
            Console.ReadLine();
        }
    }
}
```



Filecopy:

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

namespace DAY_15_PROJECT_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            File.Copy("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder\\File.txt", "D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New
(2)\\File.txt1");
            Console.WriteLine("File Copied");
            Console.ReadLine();
        }
    }
}
```

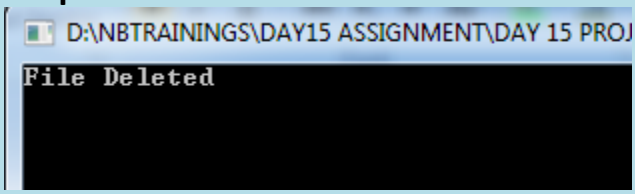




4.FileDeleted:

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

namespace DAY_15_PROJECT_1
{
   internal class Program
   {
      static void Main(string[] args)
      {
         File.Delete( "D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder (2)\\File.txt1");
         Console.WriteLine("File Deleted");
         Console.ReadLine();
      }
   }
}
```

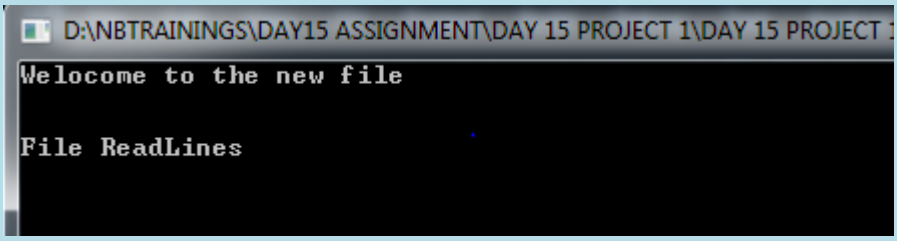
Output:



5.FileReadalltext:

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

namespace DAY_15_PROJECT_1
{
   internal class Program
   {
      static void Main(string[] args)
      {
         Console.WriteLine(File.ReadAllText("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder\\File.txt"));
         Console.WriteLine("File ReadLines");
         Console.ReadLine();
```

```
    }
  }
}
```

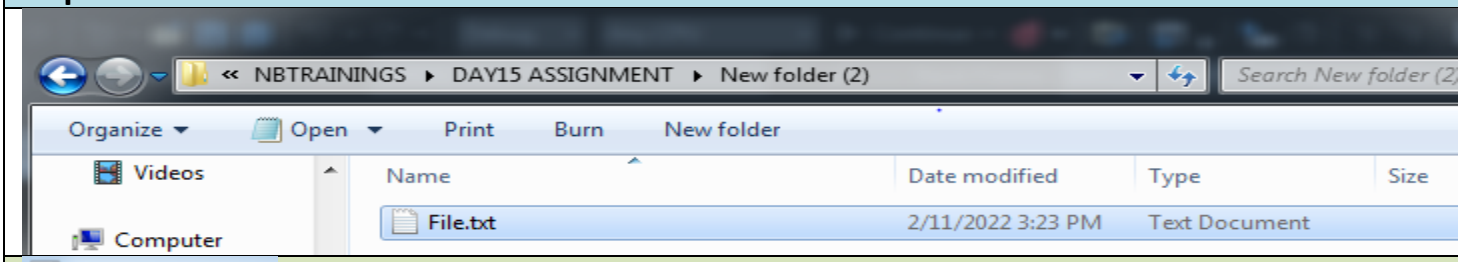


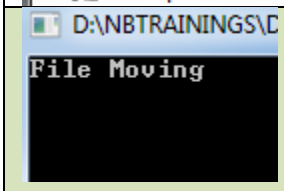
Output:

6:FileMove:

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

namespace DAY_15_PROJECT_1
{
   internal class Program
   {
      static void Main(string[] args)
      {
         File.Move("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder\\File.txt", "D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder
(2)//File.txt");
         Console.WriteLine("File Moving");
         Console.ReadLine();
      }
   }
}
```

Ouput:



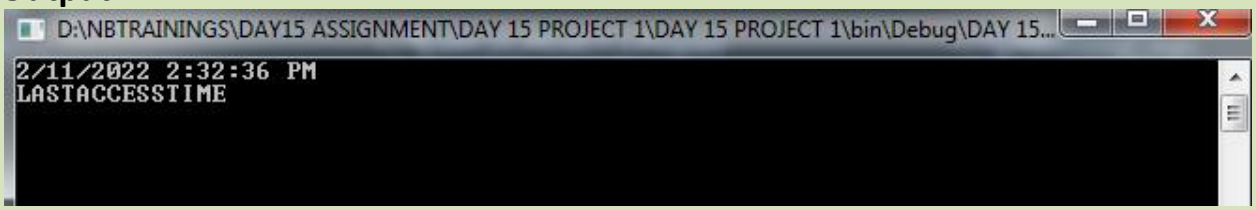


FileGetlastaccess:

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

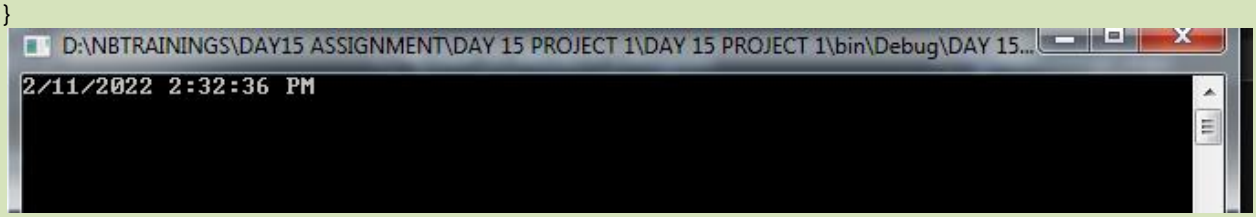
```
using System.Text;
using System.Threading.Tasks;

namespace DAY_15_PROJECT_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine(File.GetLastAccessTime("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder (2)\\File.txt"));
            Console.WriteLine("LASTACCESSTIME");
            Console.ReadLine();
        }
    }
}
```

Output:



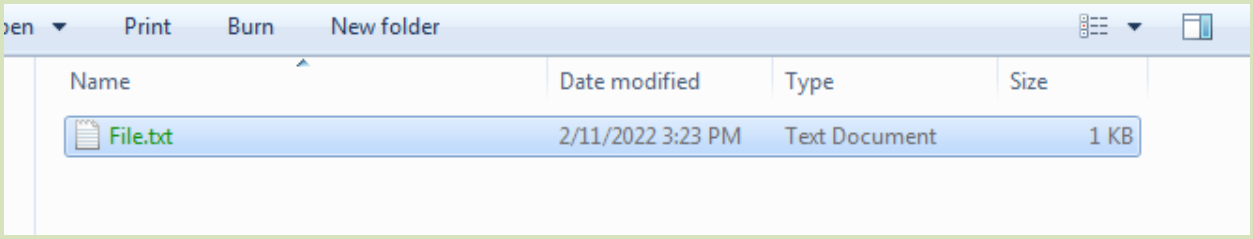
Filegetcreationtime:

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

namespace DAY_15_PROJECT_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine(File.GetCreationTime("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder (2)\\File.txt"));

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



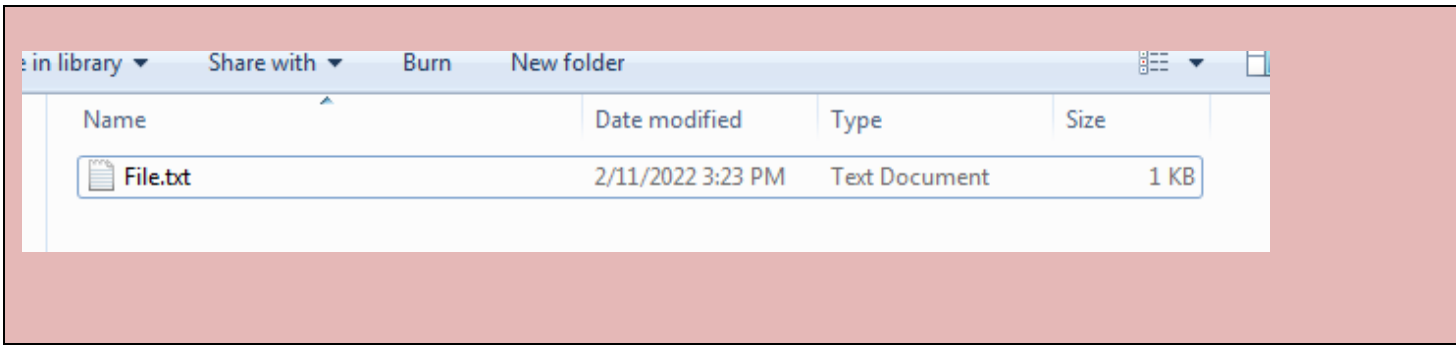
FileEncrypt

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

namespace DAY_15_PROJECT_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            File.Encrypt("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder (2)\\File.txt");

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



FileDecrypt:

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

namespace DAY_15_PROJECT_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            File.Decrypt("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder (2)\\File.txt");

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

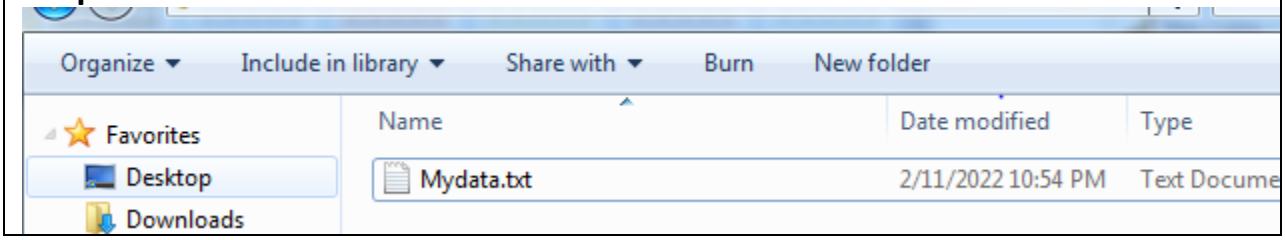


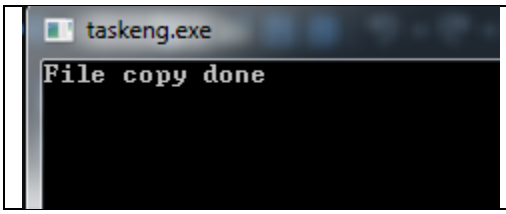
Q2.WACP to copy files from one folder to another folder schedule his job o be executed at daily some time.

Code:

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

namespace DAY_15__PROJECT_2
{
    internal class Program
    {
        static void Main(string[] args)
        {
            File.Copy("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder (3)\\Mydata.txt",
"D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder\\Mydata.txt");



            Console.WriteLine("File copy done");
            Console.ReadLine();
        }
    }
}
```

Output:



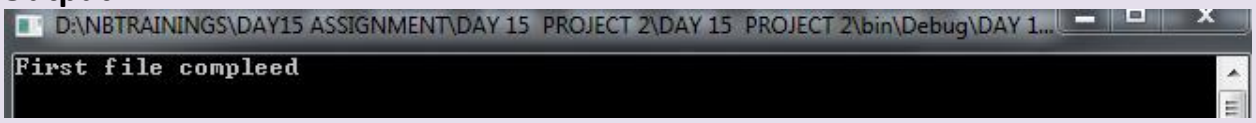


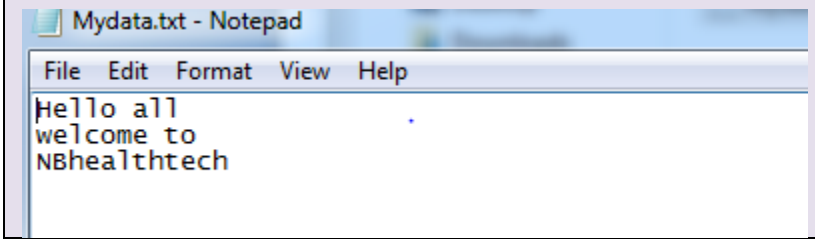
Q3.WACP to write data into file(and append the data) using Stream writer class.

Code:

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

namespace DAY_15__PROJECT_2
{
   internal class Program
   {
      static void Main(string[] args)
      {
         StreamWriter sr = new StreamWriter("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\Newfolder\\Mydata.txt");
         sr.WriteLine("Hello all");
         sr.WriteLine("welcome to");
         sr.WriteLine("NBhealthtech");
         sr.Close();

         Console.WriteLine("First file compleed");
         Console.ReadLine();
      }
   }
}
```

Output:

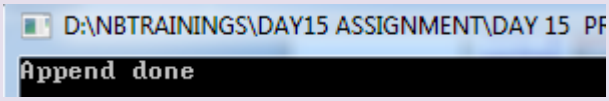


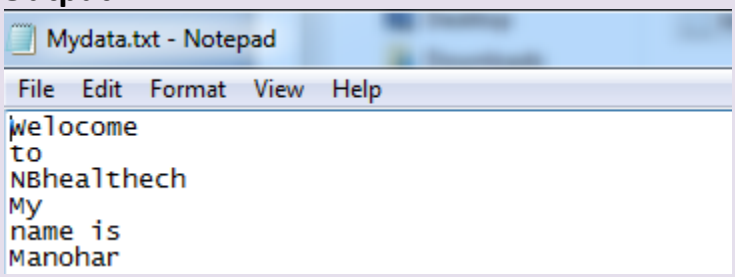


Using append:

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

namespace DAY_15__PROJECT_2
{
    internal class Program
    {
        static void Main(string[] args)
        {
            StreamWriter sr = new StreamWriter("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\Newfolder\\Mydata.txt",true);
            sr.WriteLine("My");
            sr.WriteLine("name is ");
            sr.WriteLine("Manohar");
            sr.Close();

            Console.WriteLine("Append done");
            Console.ReadLine();
        }
    }
}
```

Output:





Q4.WACP 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 DAY_15_PROJECT_1
{
    internal class Program
```

```
    {
        static void Main(string[] args)
        {
            Console.WriteLine(File.ReadAllText("D:\\NBTRAININGS\\DAY15 ASSIGNMENT\\New folder\\File.txt"));
            Console.WriteLine("File ReadLines");
            Console.ReadLine();
        }
    }
}
```

Output: