



DAY15_ASSIGNMENT

HANDLING FILES, STERAM_WRITER

Prudhvi | c# | February 14, 2022



Q. QUIZZ APP.

CODE

```
static void Main(string[] args)
{
    My_Quizz_intro.Intro();

    //*****VARIABLE ASSIGNMENT*****
    int result = 0, ans;

    //*****RECEIVING INPUT*****
    Console.WriteLine("Enter Your Name :");
    string name = Console.ReadLine();
    string player = name.ToUpper();

    Console.WriteLine("welcome to my quizz " + player);
    Console.WriteLine("To Began The Game Press Enter " + player);

    Console.ReadLine();

    Console.WriteLine("You'r 1st QST");
    Console.WriteLine("1. Where was chicken tikka masala
invented?");
    Console.WriteLine("1.Glasgow,UK 2. Dheli,India 3.Birmingham,UK
4. Chennai,India ");
    Console.WriteLine("Enter your choice from 1 to 4:");
    ans = Convert.ToInt32(Console.ReadLine());
    if (ans == 1)
        result += 20;

    Console.ReadLine();
    Console.WriteLine("You'r 2nd QST");
    Console.WriteLine("1. What is paneer?");
    Console.WriteLine("1. A type of chutney 2. A type of cheese 3.A
type of bread 4. A type of beer ");
    Console.WriteLine("Enter your choice from 1 to 4:");
    ans = Convert.ToInt32(Console.ReadLine());
    if (ans == 2)
        result += 20;

    Console.ReadLine();

    Console.WriteLine("You'r 3rd QST");
    Console.WriteLine("1. Which variety of rice is often referred
to as the 'Queen of Rice'?");
    Console.WriteLine("1. Jasmine 2.Basmati 3.Arborio 4.Sticky ");
    Console.WriteLine("Enter your choice from 1 to 4:");
    ans = Convert.ToInt32(Console.ReadLine());
    if (ans == 2)
        result += 20;
    Console.ReadLine();

    Console.WriteLine("You'r 4th QST");
```

```

        Console.WriteLine("1.Which of the following is not found in the
Garam Masala spice mix?");
        Console.WriteLine("1. Cinnamon 2.Mace 3.Cloves 4. Star anise
");
        Console.WriteLine("Enter your choice from 1 to 4:");
        ans = Convert.ToInt32(Console.ReadLine());
        if (ans == 4)
            result += 20;

        Console.ReadLine();

        Console.WriteLine("You'r 5th QST");
        Console.WriteLine("1.Which of the following is not one of the
spices?");
        Console.WriteLine("1. Cinnamon 2.Peri peri 3.Oregano 4. None of
the above ");
        Console.WriteLine("Enter your choice from 1 to 4:");
        ans = Convert.ToInt32(Console.ReadLine());
        if (ans == 4)
            result += 20;

        Console.ReadLine();

        if (result >= 60)
            Console.WriteLine("congrats! " + player + " you scored " +
result + "%");
        else
            Console.WriteLine("Sorry!, " + player + "Better luck next
time.");

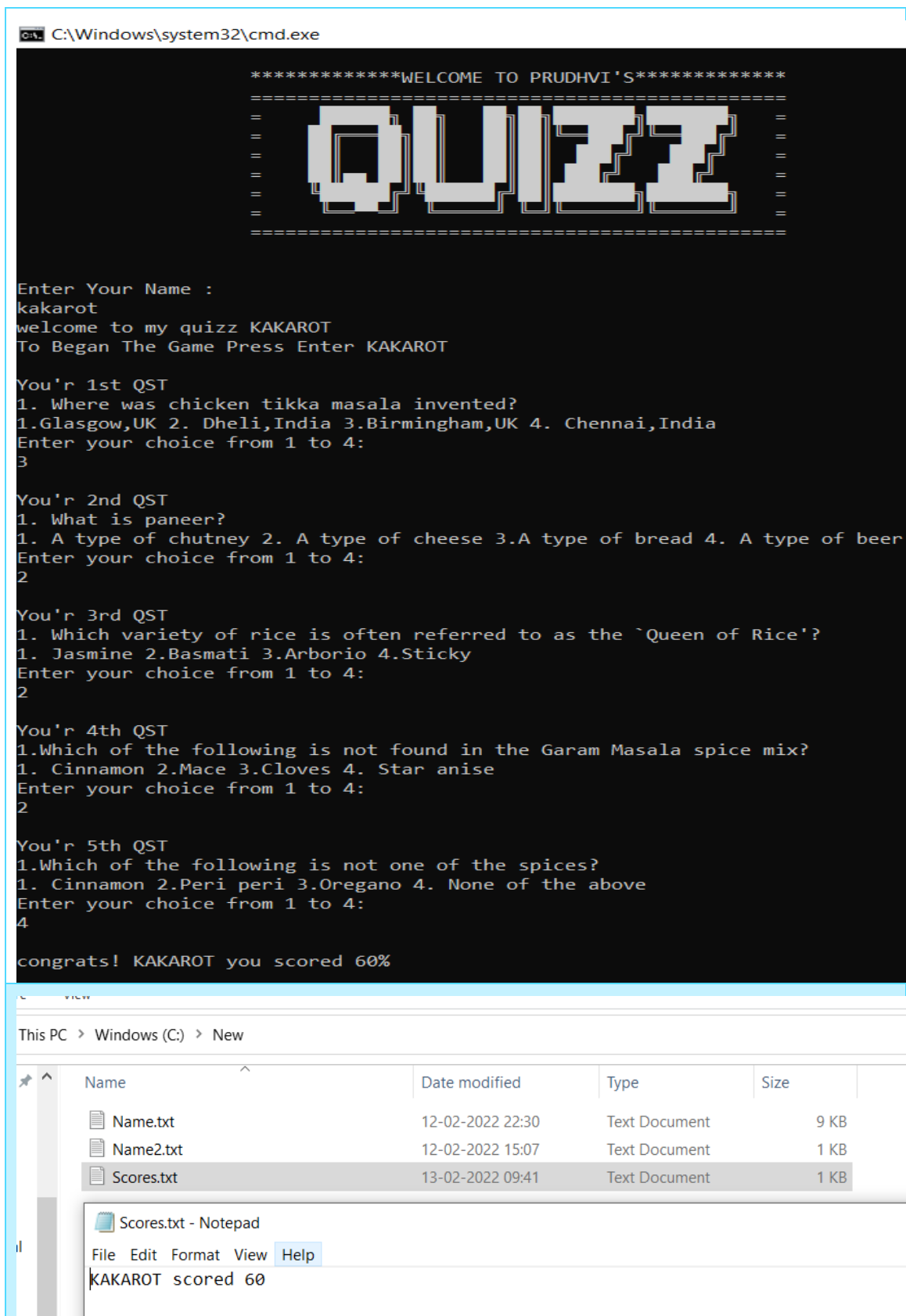
        Console.ReadLine();

        var path = File.Create(@"c:\New\Scores.txt");
        StreamWriter sw = new StreamWriter(path);
        sw.WriteLine($"{player} scored {result}",true);
        sw.Close();
        Console.ReadLine();

    }

```

OUTPUT



Q. WACP to copy files from one folder to other folder. Schedule this job to be executed at daily some time.

CODE

```
public class MYnAME
{
    public static void Print(string a)
    {
        string name =
            (@"
=====
=
= PRUDHVI =
=
=
=====
");
        a = name;
    }

    internal static bool Print()
    {
        throw new NotImplementedException();
    }
}

internal class Program
{
    static void Main(string[] args)
    {
        /******
        * Author :Nalli_Prudhvi *
        * Purpose:To write a file *
        * *****/

        Console.WriteLine(MYnAME.Print());
        try
        {
            File.Copy(@"C:\Name.txt", @"C:\New2\Name.txt", true);

            var Path = @"C:\New\Name.txt";

            File.Exists(Path);
            Console.WriteLine(@"
=====
=
=
=====
")
```

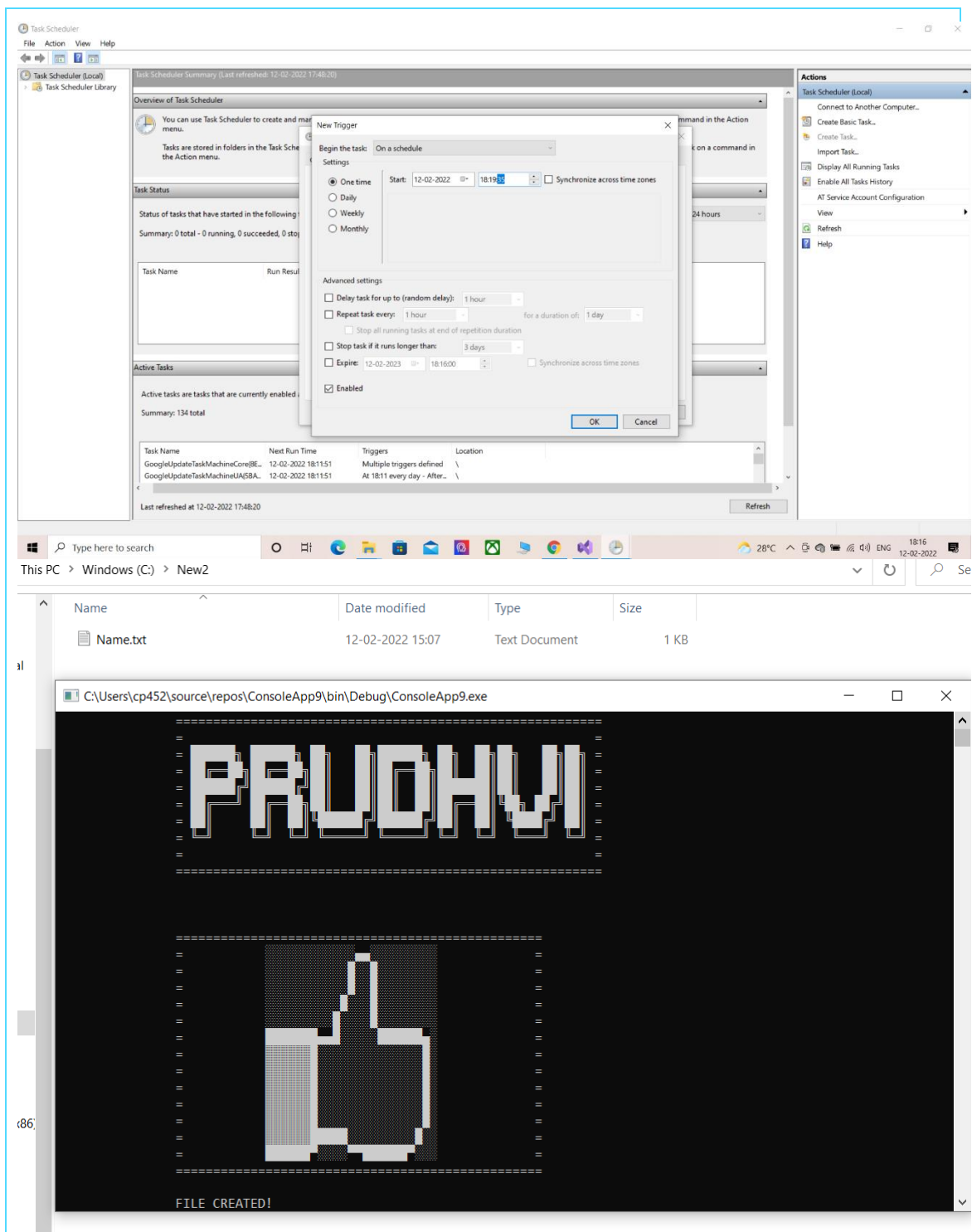
```

=
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=====
FILE CREATED!

");
    Console.ReadLine();
}
catch(DirectoryNotFoundException)
{
    Console.WriteLine(@" your file not found ");
}
finally
{
    Console.WriteLine("CREATED BY ****PRUDHVI****");
    Console.ReadLine();
}
}
}

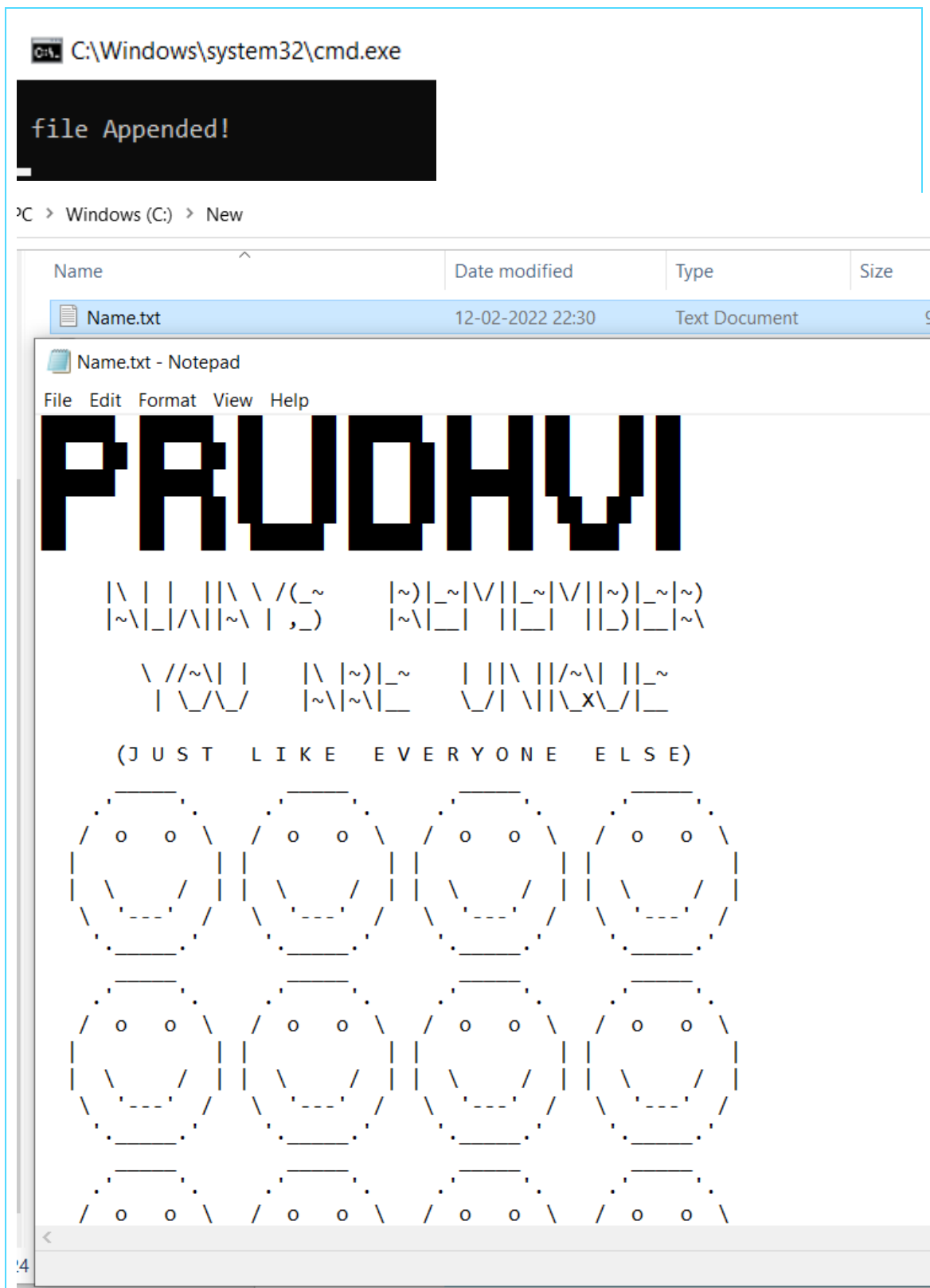

```

OUTPUT



CODE

OUTPUT



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

CODE

```
static void Main(string[] args)
{
    try
    {
        var path = @"c:\New\name.txt";
        var content = File.ReadAllText(path);

        foreach (var item in content)
        {
            if(item != null)
            {
                Console.Write(item);
            }
            else
                Console.WriteLine("couldn't find the file");
        }
    }
    catch (FileNotFoundException)
    {
        Console.WriteLine("check the file in the directory");
    }
}
```

OUTPUT

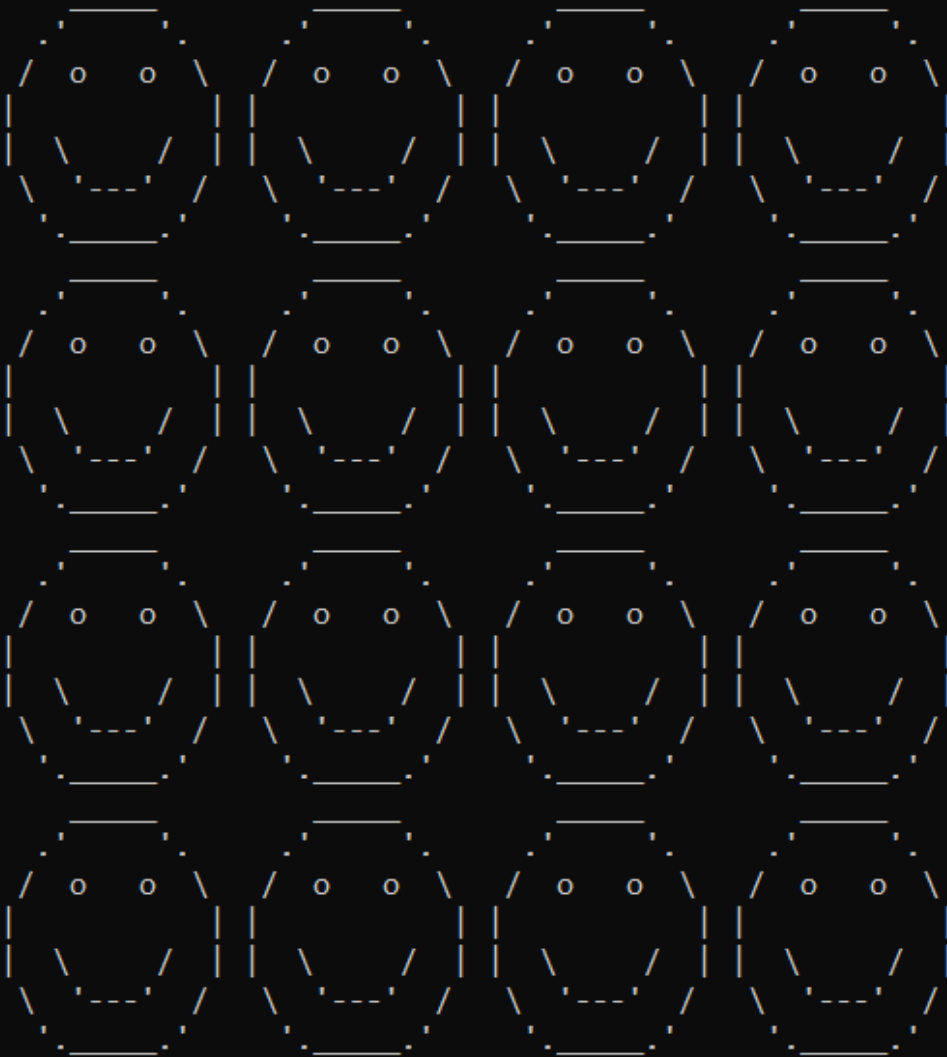
C:\Windows\system32\cmd.exe

FRUDHW

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(JUST LIKE EVERYONE ELSE)



Q. Research and write about 10 methods in class.

A.

```
static void Main(string[] args)
{
    //creat file and text
    var Path_F = File.Create(@"c:\New\MyMethods.txt");
    StreamWriter sw = new StreamWriter(Path_F);
    sw.WriteLine
        (@"
                Sing!
                Oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh
                Oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh
                Louder!
                Oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh
                Sing!
                Oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh-oh
            ");
    Console.WriteLine("File created and text added");
    sw.Close();
    //Read file
    var path_e = File.ReadAllText(@"c:\New\Name.txt");
    foreach (var e in path_e)
    {
        if (e != null)
        {
            Console.Write(e);
        }
    }
    Console.WriteLine("Reading the txt file.");
    //delete file and checked file exists or not.
    File.Delete(@"c:\New\Scores.txt");
    if(File.Exists(@"c:\New\MyMethods.txt"))
    {
        Console.WriteLine("file found!");
    }
    // open text file
    File.OpenRead(path_e).Close();
    //copy file
    File.Copy(@"c:\New\Name2.txt", @"c:\New2\MyMethods.txt");
    Console.WriteLine("files copied");
    //append
    var tect = @"this is appended text";
    File.AppendAllText(tect, path_e);
    Console.WriteLine("file appended");
    // move file
    var image = @"c:\New\image002.png";
    File.Move(image, @"c:\New2\image002.png");
    Console.WriteLine("file moved");
    // replaced
    File.Replace(@"c:\New\Replaced.txt",
@"c:\New\Name.txt", @"MyRplace.txt");
    Console.WriteLine("replaced file")
}
}
```

