

# Day15 Assignment (11-02-2022)

By  
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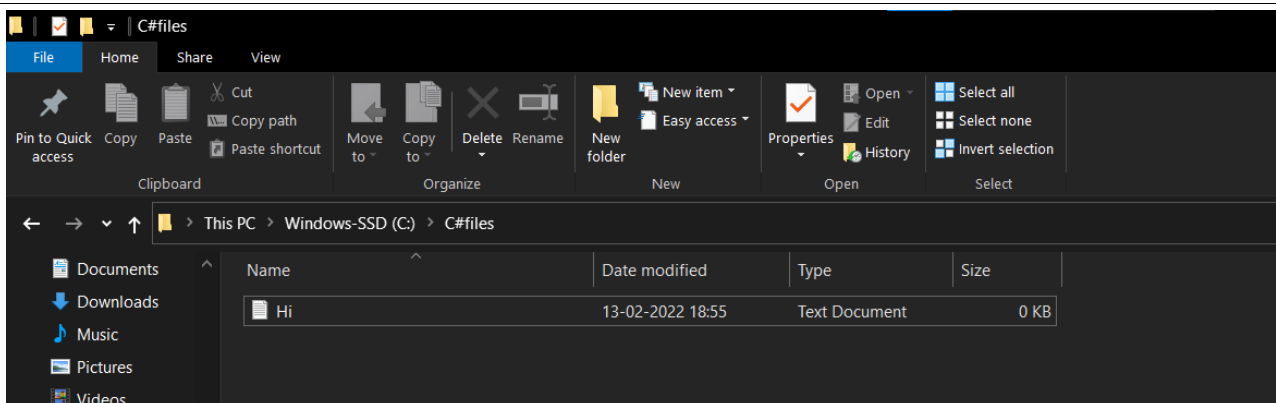
1. Research and write atleast 10 methods present in File class.  
Illustrate with code example.

- Create

Code:

```
static void Main(string[] args)
{
    File.Create("C:\\C#files\\Hi.txt");
    Console.WriteLine("File Created");

    Console.ReadLine(); ;
}
```

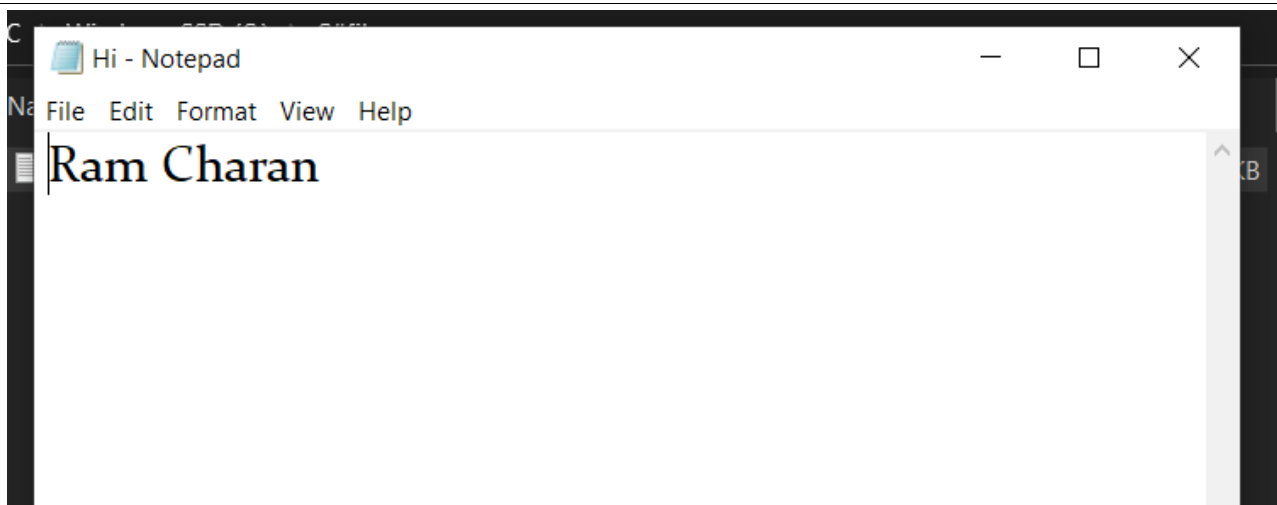


- WriteAllText

Using File.WriteAllText

```
static void Main(string[] args)
{
    File.WriteAllText("C:\\C#files\\Hi.txt", "Ram Charan");
    Console.WriteLine("File Done");
}
```

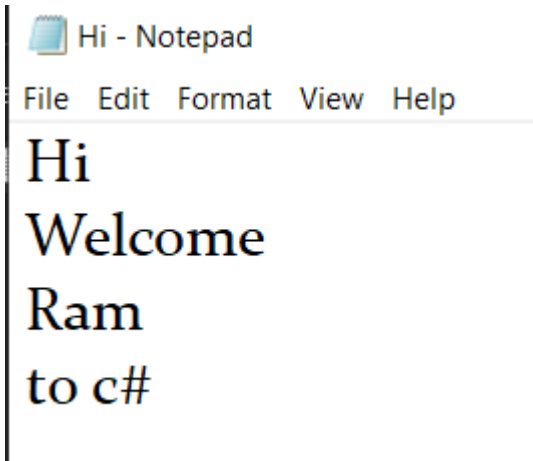
```
    Console.ReadLine(); ;  
}
```



## • Append

Code:

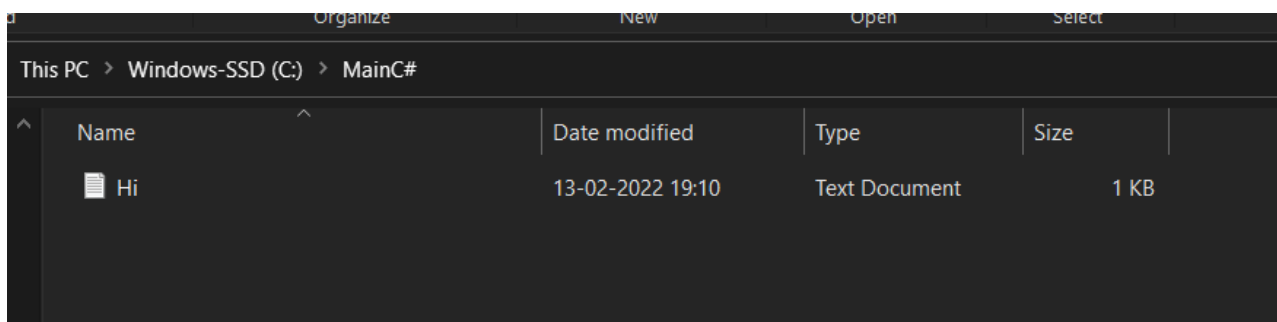
```
static void Main(string[] args)  
{  
    StreamWriter sw = new StreamWriter("C:\\C#files\\Hi.txt",true);  
    sw.WriteLine("Ram");  
    sw.WriteLine("to c#");  
    sw.Close();  
    Console.WriteLine("Done");  
    Console.ReadLine(); ;  
}
```



## • Copy

Code:

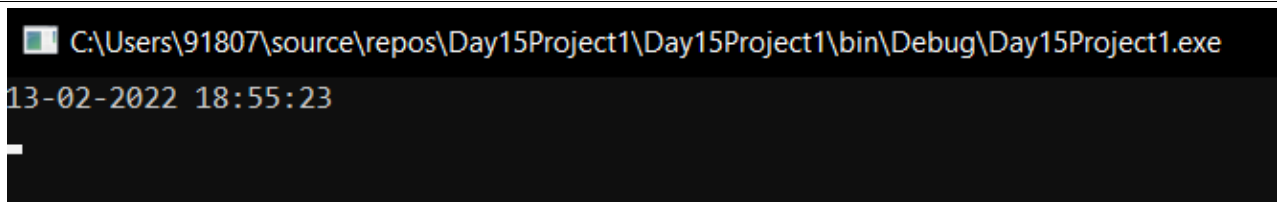
```
File.Copy("C:\\C#files\\Hi.txt", "C:\\MainC#\\Hi.txt");  
Console.WriteLine("copy Done");  
Console.ReadLine();
```



- Creation time

Code:

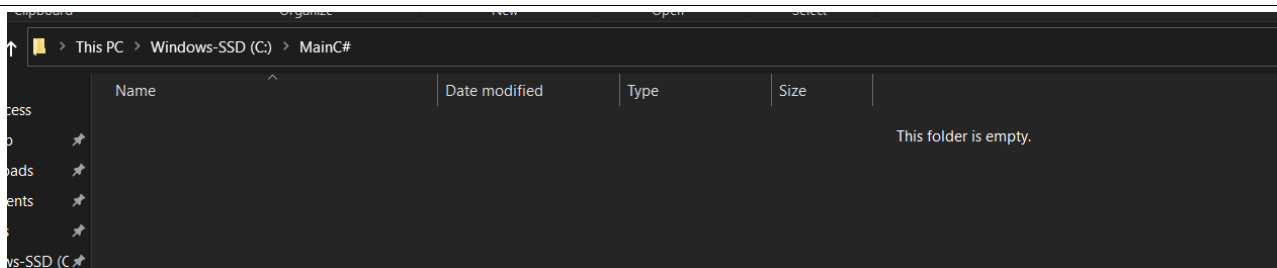
```
Console.WriteLine(File.GetCreationTime("C:\\C#files\\Hi.txt"));
```



- Delete

Code:

```
File.Delete("C:\\MainC#\\Hi.txt");  
Console.WriteLine("Delete Done");  
Console.ReadLine();
```



- GetLastAccess Time

Code:

```
Console.WriteLine(File.GetLastAccessTime("C:\\C#files\\Hi.txt"));
```

```
C:\Users\91807\source\repos\Day15Project1\Day15Project1\bin\Debug\Day15Project1.exe
13-02-2022 19:32:27
```

- GetLastwritten time

Code:

```
Console.WriteLine(File.GetLastWriteTime("C:\\C#files\\Hi.txt"));
Console.ReadLine();
```

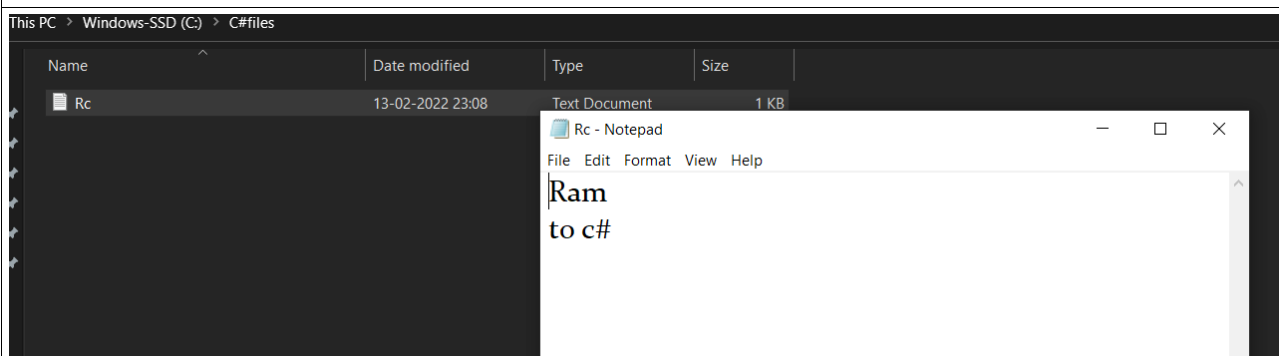
```
C:\Users\91807\source\repos\Day15Project1\Day15Project1\bin\Debug\Day15Project1.exe
13-02-2022 19:10:05
```

- Move

Code:

```
if (File.Exists("C:\\C#files\\Rc.txt"))
    File.Delete("C:\\C#files\\Rc.txt");
File.Move("C:\\C#files\\Hello.txt", "C:\\C#files\\Rc.txt");
Console.WriteLine("Moved");

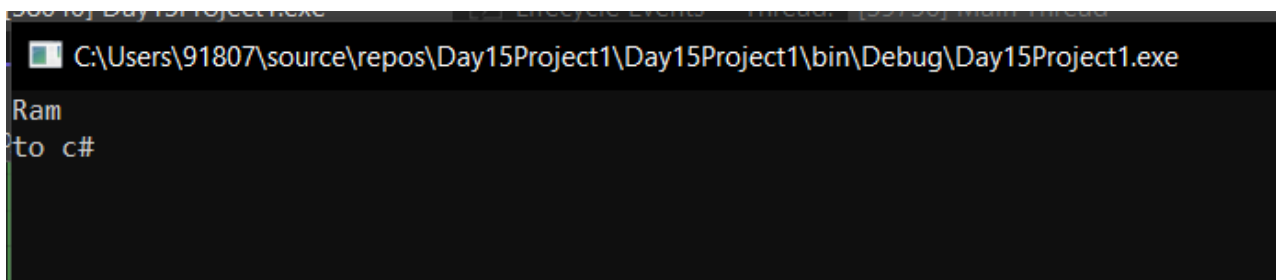
Console.ReadLine();
```



- Read

Code:

```
object read = File.ReadAllText("C:\\C#files\\Rc.txt");
Console.WriteLine(read);
```

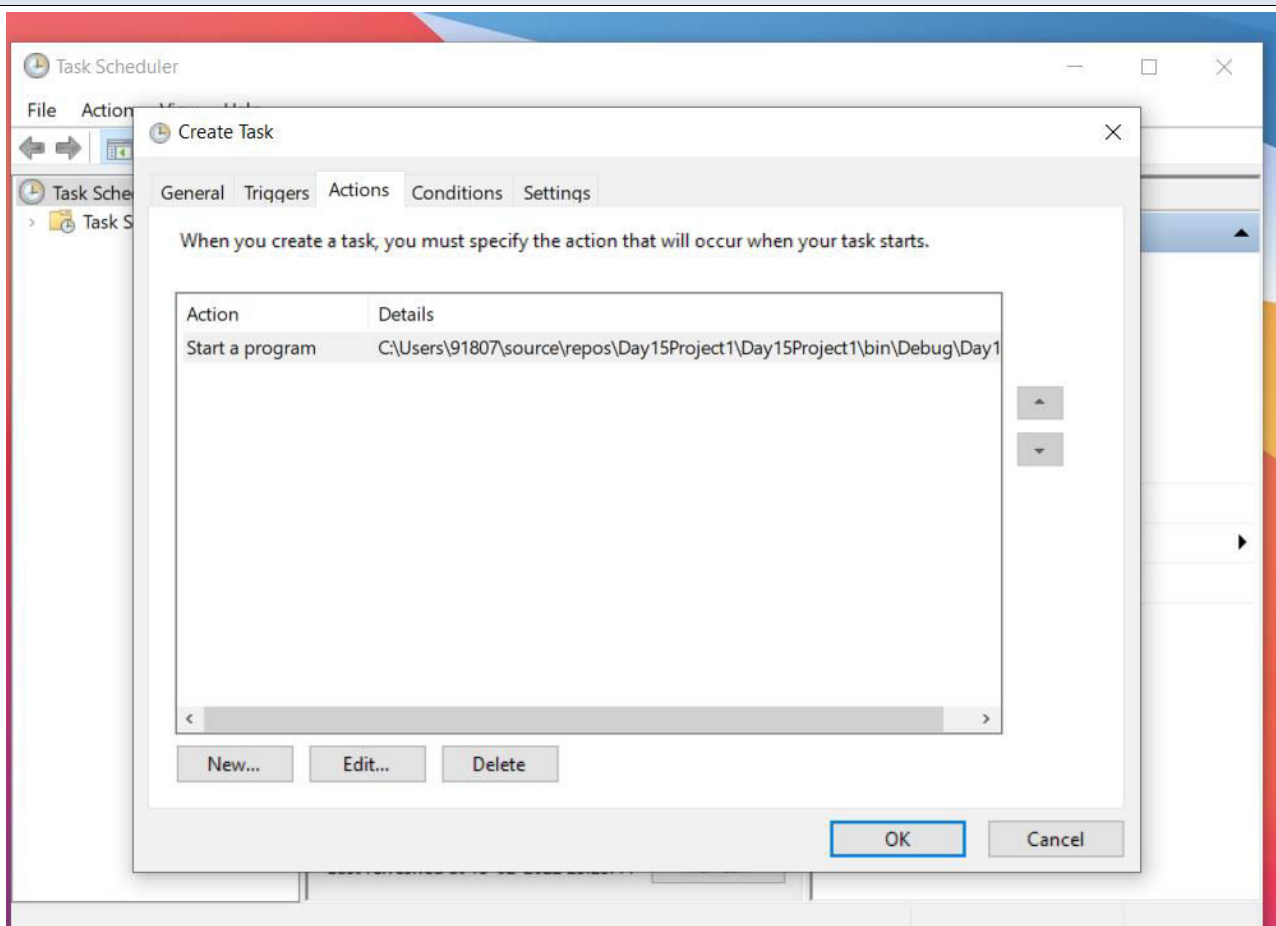


2.WACP to copy files from one folder to other folder.Scheduled this job to be executed at daily some time put the screen shot of task scheduler.

Code:

```
File.Copy("C:\\C#files\\Rc.txt", "C:\\MainC#\\Hi.txt");  
Console.WriteLine("Copied");
```

Output:

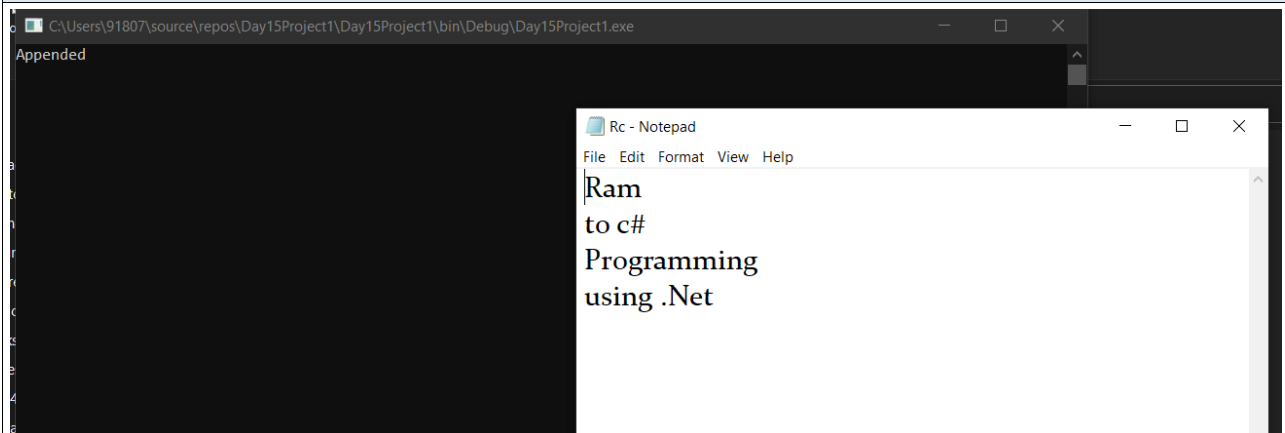


3.WACP to write data into file and append data using StreamWriter class.

## Code:

```
StreamWriter sw = new StreamWriter("C:\\C#files\\Rc.txt",true);
sw.WriteLine("Programming");
sw.WriteLine("using .Net");
sw.Close();
Console.WriteLine("Appended");
Console.ReadLine();
```

## Output:

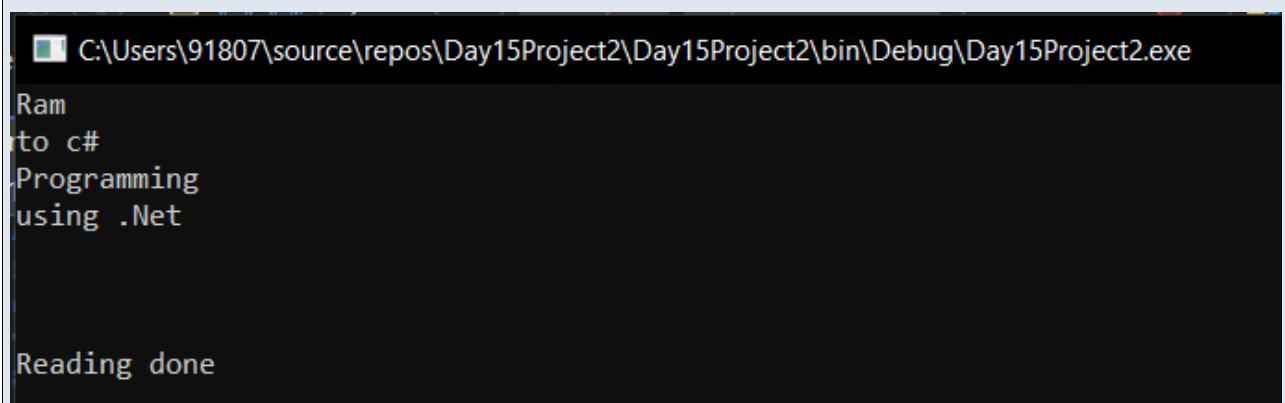


## 4.Research and write C#program to read data from file.

## Code:

```
static void Main(string[] args)
{
    StreamReader sr = new StreamReader("C:\\C#files\\Rc.txt");
    string data=sr.ReadLine();
    while(data!=null)
    {
        Console.WriteLine(data);
        data = sr.ReadLine();
    }
    Console.WriteLine("\n\n\nReading done");
    Console.ReadLine();
}
```

## Output:



## 5.Modify 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 RcQuiz
{
    /******Author:Rc
    * Quiz program modification
    * *****/
    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("Hi {0},Welcome to Rc Quiz", name);
            Console.WriteLine("Q1.Who is Indian Batsman in the given options?");
            Console.WriteLine("1.Chris Gayle 2.AB DeVilliers 3.Virat Kohli 4.Moeen Ali");
            Console.WriteLine("Enter your choice:");
            ans = Convert.ToInt32(Console.ReadLine());
            if (ans == 3)
                score += 20;
            Console.WriteLine("Q2.Who is known as Master Blaster in Cricket?");
            Console.WriteLine("1.Sachin Tendulkar 2.M S Dhoni 3.Virat Kohli 4.Moeen Ali");
            Console.WriteLine("Enter your choice:");
            ans = Convert.ToInt32(Console.ReadLine());
            if (ans == 1)
                score += 20;
            Console.WriteLine("Q3.Who is WicketkeeperBatsman in the given options?");
            Console.WriteLine("1.Chris Gayle 2.MS Dhoni 3.Virat Kohli 4.Moeen Ali");
            Console.WriteLine("Enter your choice:");
            ans = Convert.ToInt32(Console.ReadLine());
            if (ans == 2)
                score += 20;
            Console.WriteLine("Q4.When did India win the first T20 Worldcup?");
            Console.WriteLine("1.1983 2.2007 3.2004 4.2012");
            Console.WriteLine("Enter your choice:");
            ans = Convert.ToInt32(Console.ReadLine());
            if (ans == 2)
                score += 20;
            Console.WriteLine("Q5.Which is the largest cricket stadium in the world?");
            Console.WriteLine("1.Eden Gardens 2.Lords 3.MCG 4.NarendraModi Stadium");
            Console.WriteLine("Enter your choice:");
```

```

        ans = Convert.ToInt32(Console.ReadLine());
        if (ans == 4)
            score += 20;
        //Adding to file
        StreamWriter sw = new StreamWriter("C:\\C#files\\Quiz.txt");
        sw.WriteLine(name);
        sw.WriteLine(score);
        sw.Close();
        Console.WriteLine("\n\n*****Score Added*****");
        Console.WriteLine("\n\nThank you");
        Console.ReadLine();
    }
}
}

```

## Output:

The screenshot shows a Windows desktop with two windows. The background window is a console application titled 'C:\Users\91807\source\repos\Day15Project3\Day15Project3\bin\Debug\Day15Project3.exe'. It displays the following text:

```

Enter your name
Ram
Hi Ram,Welcome to Rc Quiz
Q1.Who is Indian Batsman in the given options?
1.Chris Gayle 2.AB DeVilliers 3.Virat Kohli 4.Moeen Ali
Enter your choice:
2
Q2.Who is known as Master Blaster in Cricket?
1.Sachin Tendulkar 2.M S Dhoni 3.Virat Kohli 4.Moeen Ali
Enter your choice:
1
Q3.Who is WicketkeeperBatsman in the given options?
1.Chris Gayle 2.MS Dhoni 3.Virat Kohli 4.Moeen Ali
Enter your choice:
2
Q4.When did India win the first T20 Worldcup?
1.1983 2.2007 3.2004 4.2012
Enter your choice:
2
Q5.Which is the largest cricket stadium in the world?
1.Eden Gardens 2.Lords 3.MCG 4.NarendraModi Stadium
Enter your choice:
4

*****Score Added*****

Thank you

```

The foreground window is a Notepad application titled 'Quiz - Notepad'. It contains the following text:

```

Ram
80

```

# End Of Day15