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| Day 15 Assignment  by Ramakrishna |

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| **1. Research and write atleast 10 methods present in**  **File Class. Illustrate with code example.** |
| **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)**  **{**  **File.Create("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");**  **Console.WriteLine("file create");**  **Console.ReadLine();**  **}**  **}**  **}** |
| **Output:** |
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| 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)  {  // File.Create("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  // Console.WriteLine("file create");  File.WriteAllText("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text","hello this is Rk");  Console.WriteLine("file WriteAllText ");  Console.ReadLine();  }  }  } |
| Output: |
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| 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)  {  // File.Create("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  // Console.WriteLine("file create");  // File.WriteAllText("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text","hello this is Rk");  //Console.WriteLine("file WriteAllText ");  Console.WriteLine(File.GetCreationTime("D:\\rama\\netproject\\Day 15\\File copy\\Hello.tex"));  Console.WriteLine("Here's the updated Time");  Console.ReadLine();  }  }  } |
| Output: |
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| 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)  {  // File.Create("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  // Console.WriteLine("file create");  File.Exists("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  Console.WriteLine("Checking file");  Console.ReadLine();  }    }  } |
| Output: |
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| 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)  {  // File.Create("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  // Console.WriteLine("file create");  StreamWriter swr = File.AppendText("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text") ;  {  swr.WriteLine("I am Rk");  swr.WriteLine("Added");  }  Console.WriteLine(" Adding new text ");    Console.ReadLine();  }  }  } |
| Output: |
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| 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)  {  // File.Create("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  // Console.WriteLine("file create");  // File.WriteAllText("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text","hello this is Rk");  //Console.WriteLine("file WriteAllText ");  string s = File.ReadAllText("D:\\rama\\netproject\\Day 15\\File copy\\Hello.Text");  Console.WriteLine(s);  Console.WriteLine(" Read data in file");  Console.ReadLine();    }  }  } |
| Output: |
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| 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)  {  // File.Create("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  // Console.WriteLine("file create");  // File.WriteAllText("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text","hello this is Rk");  //Console.WriteLine("file WriteAllText ");  //Console.WriteLine(" Read data in file");  //Console.ReadLine();  File.Delete("D:\\rama\\netproject\\Day 15\\File copy\\Hello.Text");  Console.WriteLine("File Deleted");  Console.ReadLine();  }  }  } |
| Output: |
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| 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)  {  // File.Create("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  // Console.WriteLine("file create");  File.Copy("D:\\rama\\netproject\\Day 15\\File copy\\Hello.Text", "C:\\1st folder\\HEllo.txt");  Console.WriteLine(" File Copied ");  Console.ReadLine();    }    }  } |
| Output: |
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| 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)  {  File.Move("C:\\1st folder\\Ram.txt", "C:\\1st folder\\king.txt");  Console.WriteLine(" File Moved ");  Console.ReadLine();  }  }  } |
| Output: |
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| 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.GetCreationTimeUtc("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text"));  Console.WriteLine(" File ");  Console.ReadLine();    }  }  } |
| Output: |
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| 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 Dy\_15\_project\_2  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter sr = new StreamWriter("C:\\1st folder\\Rk.text");  sr.WriteLine("Welcome to C# World");  sr.WriteLine("content");  sr.WriteLine("Added");  sr.WriteLine("Successfully");  sr.Close();  Console.WriteLine("File Done");  Console.ReadLine();  }  }  } |
| Output: |
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| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Dy\_15\_project\_2  {  internal class Program  {  static void Main(string[] args)  {  File.Copy("C:\\1st folder\\Rk.text", " C:\\2 nd folder\\Rama");  Console.WriteLine("File Transfered");  Console.ReadLine();  }  }  } |
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| 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 Day\_15\_Project\_3  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter sw = new StreamWriter("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text", true);  sw.WriteLine("Welcome");  sw.WriteLine("to");  sw.WriteLine("NH Training");  sw.Close();  Console.WriteLine(" File Created");  Console.ReadLine();  }  }  } |
| Output: |
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| 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 Day\_15\_project\_4  {  internal class Program  {  static void Main(string[] args)  {  StreamReader str = new StreamReader("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  String data = str.ReadLine();  while (data!= null)  {  Console.WriteLine(data);  data = str.ReadLine();  }  Console.WriteLine("\n\n File Reading done");  Console.ReadLine();  }  }  } |
| Output: |
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| 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 day\_15\_Project\_\_\_5  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter swr = new StreamWriter("D:\\rama\\netproject\\Day 15\\File copy\\Hello.text");  int score = 0, ans;  String name;  Console.WriteLine("Enter your Name:");  name = Console.ReadLine();    Console.WriteLine("Hi {0}, Welcome to the quiz by Rk", name);    swr.WriteLine(name);  Console.WriteLine("Q1.Who won the 2021 IPL Championship? ");  Console.WriteLine("1.CSK 2 .DELHI 3.MUMBAI 4.SRH");  Console.WriteLine("Enter Your Choice:");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 1)  score += 20;  Console.ReadLine();  Console.WriteLine("Q2.Which TEAM Qualify more times sfor playoffs ");  Console.WriteLine("1.DElhi 2 .CSk 3.MUMBAI 4.SRH");  Console.WriteLine("Enter Your Choice:");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 2)  score += 20;  Console.ReadLine();  Console.WriteLine("Q3.What is the Captian of CSK Team ");  Console.WriteLine("1.MSD 2.KOHLI 3.Sachin 4.Rohit");  Console.WriteLine("Enter Your Choice:");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 1)  score += 20;  Console.ReadLine();  Console.WriteLine("Q4.Who is the only batsman to record highest individual Score in ipl? ");  Console.WriteLine("1.Don Bradman 2.ABD 3 .gayle 4.Steve smith");  Console.WriteLine("Enter Your Choice:");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 3)  score += 20;  Console.ReadLine();  Console.WriteLine("Q5. Who is known as MR,IPL");  Console.WriteLine("1.Hadrik pandya 2.Rishab pant 3.Suresh Raina 4.K L Rahul");  Console.WriteLine("Enter Your Choice:");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 3)  score += 20;  swr.WriteLine(score);  swr.Close();  Console.WriteLine("Thank you for taking the quiz,Please Contact admin can show your result");  Console.ReadLine();  }  }  } |
| OUTPUT: |
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