|  |
| --- |
| **Day-15 assignment**  **By**  **Bhanu Rama Krishna Prakash Jakkamsetti**  **11/2/2022** |

1. Research and write at least 10 methods present in

File Class. Illustrate with code example.

|  |
| --- |
| a.creating file |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {  File.Create("C:\\krish\\c#\\Day15\\filecopy\\Hello.text");  Console.WriteLine("file created");    }  }  } |
| Output: |
|  |

|  |
| --- |
| b. add text inside file |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {    File.WriteAllText("C:\\krish\\c#\\Day15\\filecopy\\Hello.text", "hello hii this is bhanu");  Console.WriteLine("add data inside file");  }  }  } |
| Output: |
|  |

|  |
| --- |
| c. get file creating time |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {    Console.WriteLine(File.GetCreationTime("C:\\krish\\c#\\Day15\\filecopy\\Hello.text"));  Console.WriteLine("time");  }  }  } |
| Output: |
|  |

|  |
| --- |
| d.is file exists |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {    Console.WriteLine(File.Exists("C:\\krish\\c#\\Day15\\filecopy\\Hello.text"));  }  }  } |
| Output: |
|  |

|  |
| --- |
| e. get time |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {  Console.WriteLine(File.GetCreationTimeUtc("C:\\krish\\c#\\Day15\\filecopy\\Hello.text"));  }  }  } |
| Output: |
|  |

|  |
| --- |
| f. add new text in last file |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {    StreamWriter sw = File.AppendText("C:\\krish\\c#\\Day15\\filecopy\\Hello.text"))  {  sw.WriteLine("bhanu");  sw.WriteLine("LOL");  sw.Close();  }  Console.WriteLine("new text added");  }  }  } |
| Output: |
|  |

|  |
| --- |
| g. copy file |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {  File.Copy("C:\\krish\\c#\\Day15\\filecopy\\Hello.text","C:\\krish\\c#\\Day15\\new server\\Hello.text");  Console.WriteLine("file copied");    }  }  } |
| Output: |
|  |

|  |
| --- |
| h.move file |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {  File.Move("C:\\krish\\c#\\Day15\\filecopy\\Hello.text", "C:\\krish\\c#\\Day15\\filemove\\Hello.text");  }  }  } |
| Output: |
|  |

|  |
| --- |
| 1. Delete file |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {  // File.Create("C:\\krish\\c#\\Day15\\filecopy\\Hello.text");  // Console.WriteLine("file created");  //File.WriteAllText("C:\\krish\\c#\\Day15\\filecopy\\Hello.text", "hello hii this is bhanu");  // Console.WriteLine("add data inside file");  // Console.WriteLine(File.GetCreationTime("C:\\krish\\c#\\Day15\\filecopy\\Hello.text"));  // Console.WriteLine("time");  // Console.WriteLine(File.Exists("C:\\krish\\c#\\Day15\\filecopy\\Hello.text"));  //Console.WriteLine(File.GetCreationTimeUtc("C:\\krish\\c#\\Day15\\filecopy\\Hello.text"));  /\* using (StreamWriter sw = File.AppendText("C:\\krish\\c#\\Day15\\filecopy\\Hello.text"))  {  sw.WriteLine("bhanu");  sw.WriteLine("LOL");  }  Console.WriteLine("new text added");\*/  // File.Copy("C:\\krish\\c#\\Day15\\filecopy\\Hello.text","C:\\krish\\c#\\Day15\\new server\\Hello.text");  // Console.WriteLine("file copied");  // File.Move("C:\\krish\\c#\\Day15\\filecopy\\Hello.text", "C:\\krish\\c#\\Day15\\filemove\\Hello.text");  File.Delete("C:\\krish\\c#\\Day15\\filemove\\Hello.text");  Console.WriteLine("file deleted");  }  }  } |
| Output: |
|  |

|  |
| --- |
| j. read data in file |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project1  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using FIle methods  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {    string s= File.ReadAllText("C:\\krish\\c#\\Day15\\new server\\Hello.text");  Console.WriteLine(s);  Console.WriteLine("read data in file");  }  }  } |
| Output: |
|  |

|  |
| --- |
| 2.WACP to copy files from one folder to another folder. Schedule this job to 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 Day15\_project4  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* purpose :copy file automatically by using tast scheduler  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {  File.Copy("C:\\krish\\c#\\Day15\\filecopy\\Hello.text", "C:\\krish\\c#\\Day15\\filemove\\Hello.text");  Console.WriteLine("file copied");  }  }  } |
| Output: |
|  |

|  |
| --- |
| 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 Day15\_project2  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:using stream writer and reader  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {  StreamWriter s = new StreamWriter("C:\\krish\\c#\\Day15\\filecopy\\Hello.text",true);  s.WriteLine("may");  s.WriteLine("june");  s.WriteLine("july");  s.WriteLine("aug");  s.Close();  Console.WriteLine("write data in old file");  }  }  } |
| Output: |
|  |

|  |
| --- |
| 4.Research and write c# program to read data from file. |
| Reading a Text file: The file class in C# defines two static methods to read a text file namely File.ReadAllText() and File.ReadAllLines().  The File.ReadAllText() reads the entire file at once and returns a string. We need to store this string in a variable and use it to display the contents onto the screen.  The File.ReadAllLines() reads a file one line at a time and returns that line in string format. We need an array of strings to store each line. We display the contents of the file using the same string array. |
| Code: |
| using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace Day15\_project3  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* Purpose:read data using file  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {  string s= File.ReadAllText("C:\\krish\\c#\\Day15\\filecopy\\Hello.text");  Console.WriteLine(s);  }  }  } |
| Output: |
|  |

|  |
| --- |
| 5.Modify the quiz app 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 Day15\_project5  {  /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \* Author:bhanu rama krishna prakash jakkamsetti  \* purpose :copy data automatically whose anme and result  \* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  internal class Program  {  static void Main(string[] args)  {  int score = 0, ans;  string name;  Console.WriteLine("Enter your name");  StreamWriter sw = new StreamWriter("C:\\krish\\c#\\Day15\\queizdata\\Quiez.text", true);  sw.WriteLine(name = Console.ReadLine());  Console.WriteLine("\*\*\*\*\*\*\*\*\*\*\*\*\*");  Console.WriteLine("Hi {0},Welcome to quiz by bhanu", name);  Console.WriteLine("\*\*\*\*\*\*\*\*\*\*\*\*\*");  Console.WriteLine("Q1.what is pk 1st movie:");  Console.WriteLine("1.kushi 2.gudumba 3.balu 4.bangaram");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 1)  score += 20;  Console.WriteLine("Q2.what is AA 1st movie:");  Console.WriteLine("1.pushpa 2.gangothri 3.alavaikunta 4.julayee");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 2)  score += 20;  Console.WriteLine("Q3.whta is AA new movie:");  Console.WriteLine("1.pushpa 2.gangothri 3.alavaikunta 4.julayee");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 1)  score += 20;  Console.WriteLine("Q4.what is pk new movie:");  Console.WriteLine("1.kushi 2.gudumba 3.balu 4.bangaram");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 4)  score += 20;  Console.WriteLine("Q5.balayya new mve");  Console.WriteLine("1.akhanda 2.lol 3.het 4.def");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 1)  score += 20;  sw.WriteLine(score);  sw.Close();  Console.ReadLine();  }  }  } |
| Output: |
|  |