**DAY 15 ASSIGNMENT PRESENTED**

**BY**

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| **1.Research and write atleast 10 methods present in file class. Illustrate with code example.** |
| **A.Create a file:**  **Code:-**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace create\_a\_file  {  internal class Program  {  static void Main(string[] args)  {  File.Create("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\10 files\\Hello.text");  Console.WriteLine(" Create file done");  Console.ReadLine();  }  }  }  **Output:-**    **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  **B.Add data:-**  **CODE:-**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace add\_data  {  internal class Program  {  static void Main(string[] args)  {  File.WriteAllText("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\10 files\\Hello.text", "jeevitha");  Console.WriteLine("file done");  Console.ReadLine();  }  }  }  **Output:-**    **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  **C.Append:-**  **Code:-**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace append  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter sr = new StreamWriter("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\10 files\\Hello.text", true);  sr.WriteLine("hi");  sr.WriteLine("welcome to");  sr.WriteLine("NB Healthtech");  sr.Close();  Console.WriteLine("file done");  Console.ReadLine();  }  }  }  **Output:-**    **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  **D.Copy the file:-**  **Code:-**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace COPY\_the\_FILE  {  internal class Program  {  static void Main(string[] args)  {  File.Copy("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\10 files\\Hello.text", "E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\Server\\Hello.text");  Console.WriteLine("file copy done");  Console.ReadLine();  }  }  }  **Output:-**      **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  **E.Get creation time:-**  **Code:-**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace get\_creation\_time  {  internal class Program  {  static void Main(string[] args)  {  Console.WriteLine( File.GetCreationTime("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\10 files\\add data"));  Console.ReadLine();  }  }  }  **Output:-**    **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  **F.Read the data:-**  **Code:-**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace project\_3  {  internal class Program  {  static void Main(string[] args)  {  StreamReader str = new StreamReader("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\Server");  string data=str.ReadLine();  while(data!=null)  {  Console.WriteLine(data);  data = str.ReadLine();  }  Console.WriteLine(" \n \n file reading done");  Console.ReadLine();  }  }  }  **Output:-**    **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  **G.Access the time:-**  **Code:-**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace access\_the\_time  {  internal class Program  {  static void Main(string[] args)  {  Console.WriteLine(File.GetLastAccessTime("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\10 files\\add data"));  Console.ReadLine();  }  }  }  Output:-    **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  **H.Streamwritter:-**  **Code:-**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace streamwritter  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter sr = new StreamWriter("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\10 files\\Hello.text");  sr.WriteLine("HI");  sr.WriteLine("HELLO");  sr.WriteLine("GOOD MORNING");  sr.Close();  }  }  }  **Output:-** |

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| **2. WACP to copy files from one folder to other folder**  **Code:-**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace project\_2  {  internal class Program  {  static void Main(string[] args)  {  File.Copy("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\10 files\\Hello.text", "E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\Server\\Hello.text");  Console.WriteLine("File Transfered");  Console.ReadLine();  }  }  }  **Output:-** |

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| **3.WACP to write data info 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 append  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter sr = new StreamWriter("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\10 files\\Hello.text", true);  sr.WriteLine("hi");  sr.WriteLine("welcome to");  sr.WriteLine("NB Healthtech");  sr.Close();  Console.WriteLine("file done");  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 project\_3  {  internal class Program  {  static void Main(string[] args)  {  StreamReader str = new StreamReader("E:\\NBHTraining\\C# Training\\DAY 15 Assignments\\Server");  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 project\_5  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter sw = new StreamWriter("E:\\NBHTraining\\C# Training\\quiz application\\Quiz.txt");  int score = 0, ans;  string name;  Console.WriteLine("Enter your name");  name = Console.ReadLine();  Console.WriteLine("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  Console.WriteLine("Hi{0},Welcome to quiz by JEEVITHA", name);  Console.WriteLine("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  sw.WriteLine(name);  Console.WriteLine("Q1.What is the fullform of NB:");  Console.WriteLine("1.Nation Benefits 2.National Benefits 3.National Bureau 4.Nation Branch");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 1)  score += 20;  Console.WriteLine("Q2.Which year NB was founded......:");  Console.WriteLine("1.1999 2.1996 3.2000 4.2015");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 4)  score += 20;  Console.WriteLine("Q3.Who is the founder of NB:");  Console.WriteLine("1.Glenn Parker 2.Michel Parker 5 3.Glenn M Parker 4.Glenn M");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 3)  score += 20;  Console.WriteLine("Q4.What is the fullform of OTC:");  Console.WriteLine("1.On The Company 2.Over The Counter 3.Over The Company 4.On The Count");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 2)  score += 20;  Console.WriteLine("Q5.Where is the headquarters of NB");  Console.WriteLine("1.Florida 2.France 3.America 4.India");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 1)  score += 20;  sw.WriteLine(score);  sw.Close();  Console.WriteLine("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");    Console.WriteLine("Thank you for taking test, admin will inform your result");    Console.ReadLine();  }  }  } |
| **Output:-** |