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| Day 15 assignment  By  Lokesh Nadella  11-02-2022 |

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| **1.research and Write atleast 10 methods present in file class .illustrate with code example.** |
| **1.file.create:** |
| **Code:**  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  //Author:lokesh nadella  //Purpose:  namespace day15 project1  {  internal class Program  {  static void Main(string[] args)  {  File.Create("D:\nadella\file assignments programs\\Hello.text");  Console.WriteLine("file created");  Console.ReadLine();    }  }  } |
| **Output:** |

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| File .all text: |
| Code:  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  //Author:lokesh nadella  //Purpose: creation of files  namespace day15 project2  {  internal class Program  {  static void Main(string[] args)  {    File.WriteAllText("D:\\nadella\\file assignments programs\\Hello.txt", "Hello world");  Console.WriteLine("file created");  Console.ReadLine();  }  }  } |
| Output: |

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| File. Writeall text: |
| Code:  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Author:lokesh nadella  //purpose:create of files  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace day15 program3  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter Sr = new StreamWriter("D:\nadella\file assignments programs\\Hello",true);  Sr.WriteLine("HI");  Sr.WriteLine("i am ");  Sr.WriteLine("Learning");  Sr.WriteLine("c#");  Sr.Close();  Console.WriteLine("File done");  Console.ReadLine();  }  }  } |
| Output: |
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| File .copy: |
| Code:  using System;  using System.Collections;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Author:lokesh nadella  //Purpose: file copy  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace day15 project4  {  internal class Program  {  static void Main(string[] args)  {  File.Copy("D:\\nadella\\file assignments programs\\Hello", "D:\nadella\copy folder\Hello");  Console.WriteLine("File created");  Console.ReadLine();  }  }  } |
| Output: |

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| File. get Last time: |
| Code:  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Author:lokesh nadella  //Purpose:creation of files  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace day15 program5  {  internal class Program  {  static void Main(string[] args)  {  Console.WriteLine(File.GetLastWriteTime("D:\nadella\file assignments programs"));  Console.ReadLine();  }  }  } |
| Output: |

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| File .exists: |
| Code:  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace day15 project6  {  internal class Program  {  static void Main(string[] args)  {  string curFile = @" D:\nadella\file assignments programs\\Hello";    Console.WriteLine(File.Exists("D:\nadella\file assignments programs\\Hello") ? "File exits" : "File deos not exits") ;      Console.ReadLine();  }  }  } |
| Output: |

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| File .move: |
| Code:  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace day15 project7  {  internal class Program  {  static void Main(string[] args)  {  string sourceFile = @" D:\nadella\file assignments programs\\Hello";  string destination = @" D:\nadella\file assignments programs\file\\Hello";  File.Move(sourceFile, destination);  Console.WriteLine("file moved");    Console.ReadLine();  }  }  } |
| Output: |

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| File .acces Time: |
| Code:  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Author:lokesh nadella  //Purpose:creation of files  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Namespace day15 project8  {  internal class Program  {  static void Main(string[] args)  {  Console.WriteLine(File.GetLastAccessTime("D:\nadella\file assignments programs\file\\hello"));  Console.ReadLine();  }  }  } |
| Output: |

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| File .Read all text |
| Code:  using System;  using System.Collections.Generic;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace day15 project9  {  internal class Program  {  static void Main(string[] args)  {  StreamReader sr = new StreamReader("D:\nadella\file assignments programs\file\\Hello");  String data = sr.ReadLine();  while (data != null) ;  {  Console.WriteLine(data);  data = sr.ReadLine();  }  Console.WriteLine("\n\n file reading done");  Console.ReadLine();  }  }  } |
| Output: |

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| **2.Write a c# program to copy files from one folder to another folder.scheduled this job to be executed at some time .put the screen short of task scheduler**. |
| Code:  using System;  using System.Collections;  using System.IO;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Author:lokesh nadella  //Purpose: creation of files  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace day15 project13  {  internal class Program  {  static void Main(string[] args)  {    File.Copy("D:\\nadella\\file assignments programs\\hello", "D:\\nadella\\file assignments programs\\file\\quiz\\copy2");  Console.WriteLine("File created");  Console.ReadLine();  }  }  } |
| Output: |

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| **3.write a c# program 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;  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  //Author:lokesh nadella  //purpose:creation of files  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace day15 project10  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter Sr = new StreamWriter("D:\\nadella\\file assignments programs\\file\\Hello",true);  Sr.WriteLine("HI");  Sr.WriteLine("i am ");  Sr.WriteLine("Lerning");  Sr.WriteLine("c#");  Sr.Close();  Console.WriteLine("File done");  Console.ReadLine();  }  }  } |
| Output: |

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| **4.Reaserch 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 day15project11  {  internal class Program  {  static void Main(string[] args)  {  StreamReader sr = new StreamReader("D:\\nadella\\copy folder\\Hello");  String data = sr.ReadLine();  while (data != null)  {  Console.WriteLine(data);  data = sr.ReadLine();  }  Console.WriteLine("\n\n file reading done");  Console.ReadLine();  }  }  } |
| Output: |

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| **5. modify the quiz application to save in 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 project12  {  internal class Program  {  static void Main(string[] args)  {  StreamWriter sw = new StreamWriter("D:\nadella\file assignments programs\file\quiz\\lokesh quiz");  int score = 0, ans;  string name;  Console.WriteLine("Enter your name");  name = Console.ReadLine();  Console.WriteLine("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  Console.WriteLine("Hi{0},Welcome to quiz by lokesh", name);  Console.WriteLine("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  sw.WriteLine(name);  Console.WriteLine("Q1.who is cm of Andhra pradesh:");  Console.WriteLine("1.chandrababu naidu 2.jagan mohan reddy 3.pawankalyan 4.lokesh");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 2)  score += 20;  Console.WriteLine("Q2.Who is lokesh");  Console.WriteLine("1.student 2.engineer 3.good boy 4.software trainee");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 4)  score += 20;  Console.WriteLine("Q3.Who is shiva");  Console.WriteLine("1.student 2.enginner 3.bad boy 4.software trainee");  ans = Convert.ToInt32(Console.ReadLine());  if (ans == 4)  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: |