Day 10 evng Assignment

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| Research and try to understand what is  Abstraction |
| Data abstraction is the process of hiding certain details and showing only essential information to the user. Abstraction can be achieved with either abstract classes or interfaces (which you will learn more about in the next chapter).  The abstract keyword is used for classes and methods:  Abstract class: is a restricted class that cannot be used to create objects (to access it, it must be inherited from another class).  Abstract method: can only be used in an abstract class, and it does not have a body. The body is provided by the derived class (inherited from). |

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| Write the 2 main uses of Abstract class  by using the example discussed in the class. |
| abstractclassSalary  {  publicintGetPF(int basic)  {  return 12 \* basic / 100;  }  publicintGetHRA(int basic)  {  return 40 \* basic / 100;  }  publicabstractintGetCA();  publicabstractintGetSA();  }  classMicrosoft : Salary  {  publicoverrideintGetCA()  {  return 70000;  }  publicoverrideintGetSA()  {  return 40000;  }  }  classGoogle : Salary  {  publicoverrideintGetCA()  {  return 30000;  }  publicoverrideintGetSA()  {  return 40000;  }  }  classIBM : Salary  {  publicoverrideintGetCA()  {  return 10000;  }  publicoverrideintGetSA()  {  return 30000;  }  }  classFacebook : Salary  {  publicoverrideintGetCA()  {  return 8000;  }  publicoverrideintGetSA()  {  return 5000;  }  }  internalclassProgram  {  staticvoid Main(String[] args)  {  Console.WriteLine("Completed Processing");  Console.ReadLine();  }  }  } |

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| Create one more example of your choice to  demonstrate abstract class |
| using System;  namespace AbstractClass {  abstract class Animal {  // abstract method  public abstract void makeSound();  }  class Dog : Animal {  public override void makeSound() {  Console.WriteLine("Bark Bark");  }  }  class Program {  static void Main (string [] args) {  Dog obj = new Dog();  obj.makeSound();  Console.ReadLine();  }  }  } |