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| DAY 14 Assignment  By  Nanam Vaishnavi  10 - Feb - 2022 |

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| **1) Research and write what is the use of sealed class.**  **Write a C# program to illustrate sealed class.** |
| **Sealed Class**   * It is a class that can’t be inherited by another class but can be instantiated. |
| **CODE :** |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  // Author : Nanam Vaishnavi  // Purpose : Sealed class  // \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  namespace Day14Project1  {  sealed class Police  {  public static int Helpline = 100;  public string Getsecret()  {  return "556";  }  }    internal class Program  {  static void Main(string[] args)  {  Police p = new Police();  Console.WriteLine(p.Getsecret());  Console.WriteLine(Police.Helpline);  Console.ReadLine();  }  }  } |
| **OUTPUT** |
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| **2) Research and write what is the difference between normal properties and auto-implemented properties.**  **WACP to illustrate normal properties**  **WACP to illustrate auto-implemented properties.** | |
| **Normal Properties** | **Auto – Implemented Properties** |
| * It is a member that provides a flexible mechanism for classes to expose private fields. | * It enables you to quickly specify a property of a class without having to write code to get and set the property. |
| * These are similar to class variables with **get; & set;** Methods. | * It must consists of **get;** method and set; is optional. |
| * It must start with Uppercase. |  |
| **Write a C# program to illustrate normal properties** | |
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