



ASSIGNMENT NO 4

Subject: Visual Programming (C#)



Submission Date: June 20 & 21, 2022

Instructure: M.Siddique

1. C# program to print class names created in the program using reflection.
2. C# program to print class names and its method names using reflection classes.
3. C# program to print method names and its parameters using reflection classes.
4. C# program to print constructors of the specified class using Constructor Info class.
5. C# program to print properties of the specified class using Property Info class.
6. C# program to check a specified class is an abstract class or not.
7. C# program to check a specified class is a sealed class or not.
8. C# program to check a specified class is a serializable class or not.
9. C# program to check a class is a sub-class of a specified class or not.
10. C# program to check a specified type is a class or not.
11. C# program to check a specified type is an interface or not.
12. C# program to check a specified type is nested or not.
13. C# program to check a specified type is a primitive data type or not.
14. C# program to check a specified type is a pointer or not.
15. C# program to check a specified type is an array or not.
16. C# program to check a specified type is public or not.
17. C# program to check a specified type is a value type or not.
18. C# program to demonstrate the interface.
19. C# program to demonstrate the properties in the interface.
20. C# program to demonstrate the static class.
21. C# program to get the count of total created objects.
22. C# program to demonstrate the static constructor.
23. C# program to demonstrate method overloading based on the number of arguments.
24. C# program to demonstrate method overloading based on types of arguments.
25. C# program to demonstrate method overloading based on the order of arguments.
26. C# program to demonstrate the constructor overloading.
27. C# program to demonstrate the index overloading.
28. C# program to demonstrate the concept of method hiding.
29. C# program to demonstrate the example of anonymous method.
30. C# program to demonstrate the example of Pass by reference parameter passing in a method.
31. C# program to declare and instantiate delegate
32. C# program to call multiple methods from the delegate
33. C# program to demonstrate the example of an array of delegates
34. C# program to return the value from the method using a delegate
35. C# program to demonstrate the example of generic delegate
36. C# program to demonstrate the example of multicast delegate

37. C# program to call math operations using delegates
38. C# program to demonstrate the Enum
39. C# program to print the integer values of enum constants
40. C# program to get the type-code of enum constants
41. C# program to print the name of enum constant based on an integer value
42. C# program to get the hash-code of enum constants
43. C# program to demonstrate the use of CompareTo() method of Enum class
44. C# program to demonstrate the use of Equals() method of Enum class
45. C# program to demonstrate the use of Format() method of Enum class

-: Important Notes: -

(Attempt all Question is mandatory).

- Assignment should be hand written & will be evaluated via Quiz Three.
- This assignment will be included in your exam as a part of syllabus.