



**Paper Code : SWL:405**

**Paper Name : Software Lab V (C# & ASP.NET)**

**C# and ASP .Net**

1. Write a program using prefix and post fix notation.
2. Write a program using arrays in C#.
3. Write a program using foreach loop.
4. Write a program that assign two double type values to two variables, calculate their sum, difference, product of these two variables, and displays all the values in one line of output.
5. Write a program that declares and initializes the given array and display all the values in the array in the following form (used foreach loop).
 

6	34	9
2	55	32
8	12	
6. Write a program using sealed keywords.
7. Write a program having static member of a class.
8. Write a program to implement of overloading of constructors.
9. Write a program to implement Values type.
10. Write a program to implement overriding methods.
11. Write a program using new keywords.
12. Write a program to using is and as keywords.
13. Write a program to implement boxing.
14. Write a program to implement unboxing.
15. Write a program where class MyDerived is derived from an abstract class MyBase. The abstract class contains an abstract method, MyMethod(), and two abstract properties, GetX() and GetY(). x and y are protected variables of the class MyBase. The properties GetX() and GetY() are overridden in the derived class and add 10 to x and y and return them respectively. MyMethod() increments x and y by 1. Display the values of x and y.
16. Write an application to create and initialize an integer array of maximum size say 8. Write exception handling code to handle the case when an attempt is made to access a non-existent array element.
17. Create an enum as given below. Force the enum members to start from 101. Display the values. enum Days { Sun, Mon, Tue, Wed, Thru, Fri, Sat }. Wed = 201.
18. Write a program that consist of three methods Add(), Subtract(), and Max(). Perform the arithmetic operation by passing delegates to ArithOpertion() method.
19. Create two methods Fun1(), and Fun2() which shared objects with multiple threads (used lock()).
20. Write an application in C# with two textbox controls to enter the name and the address and a button control. After clicking onto the button, the application redirects to another page and displays the name and address that you have enter in different color.
21. Create a calculator using buttons to enter different input values and display result using buttons to perform arithmetic operations as in case of normal calculator.
22. Write an application in ASP.Net with two textbox controls to enter the name and the address and a button control. After clicking onto the button, the application redirects to another page and displays the name and address that you have enter in different color.



23. Create a CheckedListBox control with 2 check boxes. Create a Label control and set its text. The check boxes enable the user to make the text of the label bold.
24. Write an application in ASP.Net to enable the user to select multiple shopping items from a list box. Show the shopping list when click onto the button.
25. Create an ASP.Net page that uses the ExecuteReader() method of the SqlCommand object to return the number of records in the Employee table in the page load event. Use the SQL count (\*) function in the select statement. Display the number of records.