Index

|  |  |  |
| --- | --- | --- |
| Sr. No | Title of Program | Date |
| 1 | 1. Write a console application that obtains four int values from the user and displays the product. 2. Write a c# Program to design simple calculator. 3. Write a c# Program to get a number and display the number with its reverse. 4. Write a c# Program to get a number and display whether the number is even or odd. 5. Write a c# Program to get a number and display Factorial of the given number. | 30/07/2024 |
| 2 | 1. Write a c# Program to perform Boxing and Unboxing 2. Write an application that receives the following information from a set of students: Student Id:    1. Student Name:    2. Course Name:    3. Date of Birth:    4. The application should also display the information of all the students once the data is Entered. Implement this using an Array of Structures. 3. If you have two integers stored in variables var1 and var2, what Boolean test can you perform to see if one or the other (but not both) is greater than 10? | 05/08/2024 |
| 3 | 1. C# Program to Display the Date in Various Formats 2. Program to Check if a Given Year is a Leap Year 3. Write a C# Program to find difference between Two Dates 4. [C# Program to Demonstrate Multilevel Inheritance with Virtual Methods](https://www.sanfoundry.com/csharp-program-multilevel-inheritance-virtual-methods/) 5. [C# Program to Demonstrate the Overriding](https://www.sanfoundry.com/csharp-program-demonstrates-overriding/) | 12/08/2024 |
| 4 | Write a program to demonstrate operator overloadingDemonstrate arrays of interface types in c# (for runtime polymorphism)Find the sum of all the elements present in a jagged array of 3 inner arrays | 19/08/2024 |
| 5 | Write a program to demonstrate abstract class and abstract methods in c#Create a Web application that obtains four int values from the user and displays the product.AIM: Write a Web application that receives the following information from a set of students:  * 1. STUDENT ID:   2. STUDENT NAME:   3. COURSE NAME:   4. DATE OF BIRTH:   The application should also display the information of all the students once the data is entered. Create a Web application that obtains character values from the user and displays the character is vowel or not.Create a Web application that obtains values from the user and displays the number is prime or not. | 27/08/2024 |
| 6 | 1. C# Program to Demonstrate DivideByZero Exception 2. C# Program to Demonstrate Multiple Exceptions 3. C# Program to Demonstrate IndexOutOfRange Exception 4. C# Program to Demonstrate NullReference Exception | 02/09/2024 |
| 7 | 1. C# Program to Create a Simple Thread 2. C# Program to Pause a Thread 3. C# Program to Kill a Thread 4. C# Program to Implement Sleep Method of Thread | 09/09/2024 |
| 8 | 1. C# Program to Demonstrate SingleCast Delegate 2. C# Program to Demonstrate MultiCast Delegate 3. C# Program to Implement Arithmetic Operations using Delegates | 16/09/2024 |
| 9 | 1. C# Program to Implement Event by using Delegates 2. C# Program to Demonstrate Anonymous Expression 3. C# Program to Implement Lambda Expression and Lambda Statement | 23/09/2024 |
| 10 | Consider the Database STUDENT Consisting of following tables:   * Course(C\_ID:int, C\_Name:string) * Student(RollNo:int, S\_Name:string, Address:string,C\_ID:int, Admissionyear:int)   Add Some Records into above tables and perform following operation:   1. Create a web application to display record by using data base. 2. Create a web application for inserting and deleting record from a database and display all records in table format using Grid View. | 30/09/2024 |