**INDEX**

|  |  |  |  |
| --- | --- | --- | --- |
| **SL No** | **TITLE OF PROGRAM** | **PAGE NO** | **SIGNATURE** |
| **1** | Program to display the first 10 natural numbers and their sum using console application. | **1-2** |  |
| **2** | Program to display the addition using the windows application. | **3-7** |  |
| **3** | Program to display the addition, subtraction, Multiplication and division of two numbers using console application. | **8-11** |  |
| **4** | Check Whether the Entered Year is a Leap or Not. | **12-15** |  |
| **5** | Program to illustrate the use of different properties in C#. | **16-20** |  |
| **6** | Write a program to convert input string from lower to upper and upper to lower case. | **21-24** |  |
| **7** | Demonstrate Command line arguments processing. | **25-28** |  |
| **8** | Describe the enumerations programming constructs, which provides a human-readable from of a series of related constant values in C#. | **29-30** |  |
| **9** | Find the second largest element in a single dimensional array. | **31-34** |  |
| **10** | Create Classes, they are reference types in C# and hence are allocated on the heap Classes provide object-oriented constructs such as encapsulation, polymorphism, and inheritance, For instance, the program should print John. Doe twice, illustrating using C#. |  |  |
| **11** | Describe Arrays and Strings methods with suitable C# program. |  |  |
| **12** | Work with Page using ASP.Net. |  |  |
| **13** | Work with forms using ASP.NET. |  |  |
| **14** | Describe access data source through ADO.NET. |  |  |
| **15** | Perform Operator Overloading. |  |  |
| **16** | Describe delegates, events, error and exceptions. |  |  |
| **17** | Program to multiply to matrices using Rectangular array. |  |  |
| **18** | Demonstrate Use of Virtual and Override keyword in C# with a simple Program. |  |  |