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| Sr.No.    | List of Practical   | Sign |
| <b>1.</b> | <b>Working with basic C# and ASP .NET</b>   |      |
| <b>a.</b> | Create an application that obtains four int values from the user and displays the product.  |      |
| <b>b.</b> | Create an application to demonstrate string operations.   |      |
| <b>c.</b> | Create an application that receives the (Student Id, Student Name, Course Name, Date of Birth) information from a set of students. The application should also display the information of all the students once the data entered.   |      |
| <b>d.</b> | Create an application to demonstrate following operations<br>i. Generate Fibonacci series.                      ii. Test for prime numbers.<br>iii. Test for vowels.                                      iv. Use of foreach loop with arrays<br>v. Reverse a number and find sum of digits of a number |      |
| <b>2.</b> | <b>Working with Object Oriented C# and ASP .NET</b>   |      |
| <b>a.</b> | Create simple application to perform following operations<br>i. Finding factorial Value                              ii. Money Conversion<br>iii. Quadratic Equation                                iv. Temperature Conversion  |      |
| <b>b.</b> | Create simple application to demonstrate use of following concepts<br>i. Function Overloading              ii. Inheritance (all types)<br>iii. Constructor overloading              iv. Interfaces  |      |
| <b>c.</b> | Create simple application to demonstrate use of following concepts<br>i. Using Delegates and events                      ii. Exception handling   |      |
| <b>3.</b> | <b>Working with Web Forms and Controls</b>  |      |
| <b>a.</b> | Create a simple web page with various sever controls to demonstrate setting and use of their properties. (Example : AutoPostBack)   |      |
| <b>b.</b> | Demonstrate the use of Calendar control to perform following operations.<br>a) Display messages in a calendar control                      b) Display vacation in a calendar control<br>c) Selected day in a calendar control using style              d) Difference between two calendar dates         |      |
| <b>c.</b> | Demonstrate the use of Treeview control perform following operations.<br>a) Treeview control and datalist                                      b) Treeview operations   |      |
| <b>4.</b> | <b>Working with Form Controls</b>   |      |
| <b>a.</b> | Create a Registration form to demonstrate use of various Validation controls.   |      |
| <b>b.</b> | Create Web Form to demonstrate use of Adrotator Control.  |      |
| <b>c.</b> | Create Web Form to demonstrate use User Controls.   |      |
| <b>5.</b> | <b>Working with Navigation, Beautification and Master page.</b>   |      |
| <b>a.</b> | Create Web Form to demonstrate use of Website Navigation controls and Site Map.   |      |

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| <b>b.</b>  | Create a web application to demonstrate use of Master Page with applying Styles and Themes for page beautification.                 |  |
| <b>c.</b>  | Create a web application to demonstrate various states of ASP.NET Pages.  |  |
| <b>6.</b>  | <b>Working with Database</b>  |  |
| <b>a.</b>  | Create a web application bind data in a multiline textbox by querying in another textbox.   |  |
| <b>b.</b>  | Create a web application to display records by using database.  |  |
| <b>c.</b>  | Demonstrate the use of Datalist link control.   |  |
| <b>7.</b>  | <b>Working with Database</b>  |  |
| <b>a.</b>  | Create a web application to display Databinding using dropdownlist control.   |  |
| <b>b.</b>  | Create a web application for to display the phone no of an author using database.   |  |
| <b>c.</b>  | Create a web application for inserting and deleting record from a database. (Using Execute-Non Query).                              |  |
| <b>8.</b>  | <b>Working with data controls</b>   |  |
| <b>a.</b>  | Create a web application to demonstrate various uses and properties of SqlDataSource.   |  |
| <b>b.</b>  | Create a web application to demonstrate data binding using DetailsView and FormView Control.  |  |
| <b>c.</b>  | Create a web application to display Using Disconnected Data Access and Databinding using GridView.                                  |  |
| <b>9.</b>  | <b>Working with GridView control</b>  |  |
| <b>a.</b>  | Create a web application to demonstrate use of GridView control template and GridView hyperlink.                                    |  |
| <b>b.</b>  | Create a web application to demonstrate use of GridView button column and GridView events.  |  |
| <b>c.</b>  | Create a web application to demonstrate GridView paging and Creating own table format using GridView.                               |  |
| <b>10.</b> | <b>Working with AJAX and XML</b>  |  |
| <b>a.</b>  | Create a web application to demonstrate reading and writing operation with XML.   |  |
| <b>b.</b>  | Create a web application to demonstrate Form Security and Windows Security with proper Authentication and Authorization properties. |  |
| <b>c.</b>  | Create a web application to demonstrate use of various Ajax controls.   |  |
| <b>11.</b> | <b>Programs to create and use DLL .</b>   |  |