

## CC- 213 : WINDOWS PROGRAMMING PRACTICAL USING C#

1. Design interface and implement functionalities for Arithmetic calculator
2. Design a form having two text boxes, combo box and a label. Make the validation so that user can enter only numbers in both textboxes, if user has entered both numerical values then make the combo box visible. The combo box has options like 'ADD', 'SUB', 'MUL' and 'DIV'. According to user's choice from combo, result will display in label.
3. Create an application with a textbox in which user can enter a sentence then displays
  - 1) Number of vowels
  - 2) Number of spaces
  - 3) Number of digitsWhen user press “analysis” button.
4. Print multiplication table into Listbox. For multiplication take value using Numeric up down.
5. Create MDI form. It must have File menu with option open, Close and Exit. It should also have window menu to arrange the child forms like Tile Horizontal, Tile Vertical, Cascade and Arrange Icons.
6. Implement Textpad application using Rich textbox. Make menus like File (New, Open, Save and Exit), Edit (Cut, Copy, Paste, Undo, Redo), Format (Font, Color) etc. Use all common dialog controls and implement functionalities.
7. Write a program to Read and Write Text file.
8. Write a program to implement the class Employee. Show Method Overloading.
9. Write an application, which works like a window's explorer, using combo box and list box.
  1. The combo box should display the list of drives.
  2. The list box should display the list of files and directories.
10. Create below mentioned Crystal Reports for the above application.
  - List all the Employees having salary more than 25000
  - List all the Employees designation wise.
11. Write a Program to develop a Database Application with ADO.NET with Record Navigation (First, Last, Previous and Last) for Books table (BookID, BookName, Qty, UnitPrice, TotalPrice).
12. Write a Program to develop a Database Application with ADO.NET with Add, Delete and Update Facility for Books table (BookID, BookName, Qty, UnitPrice, TotalPrice).