

## VB.NET (407) Practical Assignment-1

Submission Date : 01/02/2024

1. Design a standard Calculator.
2. Write a VB.Net program to accept a string and convert the case of the characters.
3. Write a program to accept any character from keyboard and display whether it is vowel or not.
4. Accept amount from user. Select Discount from the Radio Button(option button) and displays the Discount Amount and the Pay Amount  
Note: Discount Amount and the Pay Amount cannot be edited by the user.
5. Develop an application and perform the following:
  - a. Add item to listbox1 using textbox
  - b. Take 2nd listbox and add selected item from listbox1 to listbox2
  - c. Count total items in listbox1 and listbox2
  - d. Select all the items from listbox1 and transfer it to listbox2
  - e. Delete selected item from listbox2
6. Develop a form in VB.NET to pick a date from Calendar control and display the day, month, and year details in separate text boxes.
7. Develop an application to create a simple mark sheet that contains marks of 5 subjects & when clicked on result it will calculate total, average and grade.
8. Develop an application for student registration.
9. Design a form to create conversion calculator
  - a. Decimal number to Binary, Octal & Hexadecimal.
  - b. Binary number to Decimal, Octal & Hexadecimal.
  - c. Octal number to Hexadecimal, Binary, Decimal etc.
10. Develop an application to convert a given temperature to Fahrenheit and Celsius. (Use radio button for selections) .
11. Develop a program for Tic Tac Toe Game.
12. Develop an application that simulates stop watch.
13. Create the Payroll form shown below. Number of hours must be entered as well as the appropriate rate.  
$$\text{Gross salary} = \text{rate} * \text{hours}$$
$$\text{Net salary} = \text{gross salary} - \text{deductions}$$
14. Develop an attendance application system to fill the attendance of the students. After filling the attendance it should display present no. of students And also count how many students are present