Date: 25-07-2022
Branch: B.Tech. (CE/IT)
Subject Name: Enterprise Computing Through .NET Frameworks   **Subject code: CE525**
Time: 1 Hour & 30 Minutes   **Total Marks: 20**

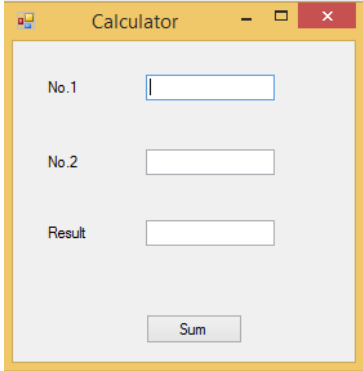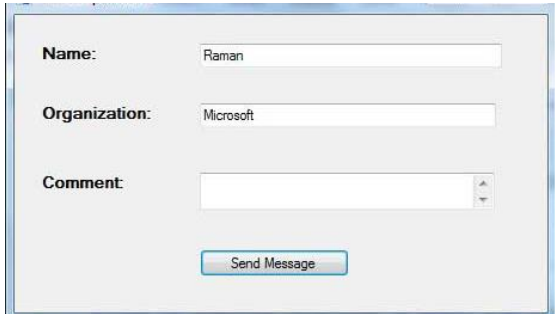
Instructions:

1. Read the task description & other details carefully and implement the solution.
2. This assessment is intended to test the hands on skills related to different topics in this subject.
3. **You have been provided with SuppliedFiles folder that contains project files and Expected_UI Screen. Download and extract the SuppliedFiles folder into your local drive folder named as your "EnrollmentNo".**
4. Manipulate or create project files as per the tasks provided to you in this question paper.
5. Once all the tasks are implemented, kindly submit the **"EnrollmentNo.zip"** file of your project with database
6. **Write comments for all logic or code written by you (compulsory).**

Problem Description

The tasks to be implemented are given along with the expected UI screens/other information. All modifications or addition must be incorporated as per the task description provided in the table under the "Tasks Description" section. The expected UI screen/other information column should be used as your reference. Each task carries mentioned marks. **Write comments for all logic or code written by you (compulsory).**

LIST OF TASKS

Modify or create files to reflect the following tasks			
Tak ID	**Tasks Description**	**Max Marks**	**Expected UI Screen / Other Information**
Task_1	Rearrange the given file "OddEven.cs" code to generate the following output. **Expected Output:** Enter Number: 10 Number is Even OR **Expected Output:** Enter Number: 9 Number is Odd	**02**	Refer OddEven.cs file.

Task_2	Rearrange the given code given in "ArrayTest.cs" file to correct the program. The resultant program will be to enter 5 elements into an array and print sum of these elements.
	
	Expected output:
	    Enter Element 0: 1
	    Enter Element 1: 2
		02	Refer "CSFiles" folder.

		Enter Element 2: 3 Enter Element 3: 4 Enter Element 4: 5 Sum of Elements : 15		
Task_3	Design and write code for Calculator form in attached project "ShoppingMallSystem". Expected output: 	**02**	Refer "ShoppingMallSystem" – Windows Application Project.
Task_4	Locate "EmployeeDemo.cs" file. Modify class named "Employee". Add following members into Employee class. **Data Members:** ID, Name, Email, Country **Methods:** SetData( ) - To enter details for an employee Display( ) – To display details for an employee Complete code in EmployeeDemo class to get the expected output. Compile and run EmployeeDemo.cs file. Expected output: 	**04**	Refer "CSFiles" folder.
Task_5	Design a Profile Form like below. When user click on Send Message Button it will display combine message like below on label:"Message of <<Name>> from <<Organization>> with <<comment>>" 	**02**	Refer "ShoppingMallSystem" – Windows Application Project.

Task_6	Locate "ExceptionDemo.cs" file. This program will throw an exception. Add try, catch and finally blocks to handle this exception.	**02**	Refer "CSFiles" folder.
Task_7	Write Swap function into "Swap.cs" file by referring the the given code.	**04**	Refer "CSFiles" folder.
Task_8	Write missing statements into "CmdTest.cs" file to get the desired output. Output: ------------------- Hello, World! You entered the following 4 command line arguments: A B C D	**02**	Refer "CSFiles" folder.