**Programs Part A Term Work**

1. Write a program in C# to print welcome Message.
2. Demonstrate two ways for writing into console.
3. How to peek into Assembly and generate IL file.
4. How to regenerate assembly.
5. How to give strong name to assembly and install that assembly in GAC.
6. Simulate DLL Hell Problem and solve it with versioning.
7. Write a program to demonstrate boxing and unboxing in C#.
8. Write a program to demonstrate null coalescing operator.
9. Write a program in C# to check whether a number is palindrome or not.
10. write a program to demonstrate in how many ways you can create a string object.
11. C# Program to swap two numbers without third variable.
12. Write a program in C# to demonstrate call by value call by reference call by output parameter and call by params.
13. Demonstrate Swapping of two numbers using C#, The following are the conditions to swap values:

-The values of two variable are swapped with each other without creating a new storage location for the variables

-After the swapping of the values of the two variables then before swapped values are need to be remain in that variable.

1. Create a class component library .dll with math classlibrary that is responsible of calculating square root and the addition of two numbers and consume that library in Console application.