Practical Questions

1. Create an array of integers with 5 elements and assign values to each element.
2. Write a C# program to print all elements of a 2D array.
3. Create a list of strings and add five names to it.
4. Write a C# program to find the length of a list containing integers.
5. Create a dictionary with key-value pairs of student IDs and names. Add three entries to the dictionary.
6. Write a C# program to display all keys and values in a dictionary.
7. Create a stack and perform push and pop operations.
8. Create a queue and perform enqueue and dequeue operations.
9. Write a LINQ query to find all even numbers in a list of integers.
10. Write a LINQ query to sort a list of strings in ascending order.
11. Write a C# program to reverse an array of integers.
12. Create a list of integers and use a LINQ query to find the maximum value.
13. Write a C# program to count the number of elements in a stack.
14. Create a queue of strings and check if a particular string exists in the queue.
15. Write a LINQ query to group a list of strings by their first letter.
16. Write a LINQ query to find the sum of all elements in a list of integers.
17. Create a list of strings and use a LINQ query to find all strings that contain the letter 'a'.
18. Write a LINQ query to find the average value of a list of integers.
19. Create a list of integers and use a LINQ query to select only the distinct elements.
20. Write a LINQ query to find the first element in a list of strings that starts with the letter 'C'.