

### **Practical Assignments for Day-3**

**Date:** 11-07-2025

**Concepts:** Operators, Prev. C# concepts

#### **1. Create a C# application to implement the following case study:**

**Title :** User Access Control

**Scenario:** Determine user access level based on a score calculated from user level, admin status, and special permissions.

a. Access score should be calculated based on the given criteria:

1. User Level Score : 1 to 25
2. For Admin : 50 points
3. Has Special Permission : 25 points

b. Based on the access score we should display the Access control status

- a. Greater than or Equal 75 -- Full Access
- b. Greater than or Equal 50 -- Admin Access
- c. Greater than or Equal to 25 -- Standard Access
- d. Less than 25 -- Restricted Access

#### **2. Check the following points:**

- a. Diff. between ReadLine(), Read(), ReadKey() methods
- b. What are the usages of "using" keyword in C#?
- c. What is the purpose of the null-coalescing operator ??