C# Advanced – Class8

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Agenda

- LINQ QA session - Warm up ☺

- Delegates and Events visualization

- Real life challenge - Scenario explanation

- Hands on activities ☺

Real life challenge

- Design and implement event driven application for exam results announcements – **Overview**

    - The application flow consists of two main roles
        - Trainer and Student

    - The Trainer has completed the results from the exam.

    - The results list is consists of two parts
        - Each row -> Student personal info & exam points.
        - The application should support students with same First/Last name.

Real life challenge

- Design and implement event driven application for exam results announcements – **Business logic**

  - The Trainer reads the results at the beginning of the class.

  - Students should listen and verify **their result**
    - If more than 50 points -> Exam PASSED.
    - If less than 50 points -> Exam FAILED.

Real life challenge

- Design and implement event driven application for exam results announcements – **Additional requirements**

  - If the student successfully passed the exam calls all friends that successfully passed the exam (other students) to celebrate.

  - If the student fails the exam calls library coordinator to book day and time for studying.