# Lab: B-Trees 2-3-Trees and Red-Black Trees

This document defines the lab for ["Data Structures – Advanced (C#)" course @ Software University](https://softuni.bg/trainings/4273/data-structures-advanced-with-csharp-november-2023).

Please submit your solutions (**source code**) of all below described problems in [Judge](https://judge.softuni.org/Contests/Compete/Index/3867).

## Implement 2-3 Tree Insertion

You are given a **C# project** holding the unfinished class **TwoThreeTree** and **tests** covering its **functionality**.

Your task is to implement the insertion method. You are free to create additional methods of your own choice, however, only the insertion will be tested. Do **not change the ToString()** method it is used in testing.

Hint: If you have any problem with the implementation, you can check the presentation from the lab, here were some graphics describing the steps while adding items.