

# Data structures and Algorithms

## Assignment #2

### 1. Introduction

The objective of Assignment#2 is to implement AVL-Tree using provided templates.

- Provided templates:
  - tree/AVL.h
- Requirements:
  - You are required to complete AVL defined in the file specified above.
    - Where to fill the code?
      - At **“YOUR CODE HERE”**

### 2. Guidelines

- (1) Attend the lecture (online). Instructors will explain how to implements those classes.
- (2) Use short functions in the files with “Demo” in theirs names located in “dsacpp/include/tree” to practice some functions defined in those classes.
- (3) Run the tests created for AVL class, located in dsacpp/include/test to enforce that your implementation working correctly.
  - Add the tests to file “dsa\_main\_test.cpp” + compile + run

### 3. How to submit

- Submit ONLY AVL.h
- Deadline: **July 01, 2021; 17h00**

## References: