

Data structures and Algorithms

Assignment #4

1. Introduction

The objective of Assignment#4 is to implement graph data structure using provided templates.

- Provided templates:
 - graph/DGraphModel.h
 - graph/UGraphModel.h
- Requirements:
 - You are required to complete the two classes defined in the files specified above.
 - Where to fill the code?
 - At **“YOUR CODE HERE”**

2. Guidelines

- (1) Attend the lecture (online). Instructors will explain how to implement those classes.
- (2) Use short functions in the files with “Demo” in their names located in “dsacpp/include/graph” to practice some functions defined in those classes.
- (3) Run the tests created for those classes, 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 one zip file containing the two files specified above, placing those in folder “graph”, i.e., the same format as the zip file provided by the instructor.
- Deadline: **July 17, 2021; 17h00**

References: