

**Advanced Algorithms Project**  
**Implementing an algorithm (uncovered) using**  
**programming languages**  
**Second Semester 2024/2025**

**Problem Statement**

Based on your understanding of the algorithms design techniques covered during this semester, you are required to use programming language (Java or Python) to explain one uncovered algorithm (you may use an example) and implement it. The student can use different resources for writing the code, but he/she must be able to discuss the algorithm and the developed code in terms of understanding.

**Format of project submission**

- Algorithm/pseudocode
- Source code (with comments if you want).
- Screenshot of the results.

## Advanced Algorithms Project Rubrics for students' assessment

Statement	Total mark of statement	Student mark
Project delivered/discussed on time	2	
Algorithm implementation	3	
Code written correctly and tested	3	
Answer instructor algorithm/code understanding questions	6	
Answer instructor example questions	6	
	*20	

- The mark then converted out of 10