

# SE 2228 - Analysis and Design of Algorithms

## Homework #1

Yaşar University

October 18 2022 – October 29 2022

Implement **Prim's algorithm** in C programming language. Also, write a short report about Prim's algorithm, your code, and the complexity analysis of the algorithm. No matter what you use when you work, deliver only a **C** file and a **PDF** file.

- Do not copy and paste from the Net and other students. The codes and reports will be compared.
- Use the template code that is named *homework1.c*. Do not change the structures. However, you can add extra functions.
- Do not use any libraries other than those given in the template code.
- Use English!