## Discrete Optimization

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## 1 Project purpose

Aside from learning how to solve real life problems using what you learned in class, this project has some additional benefits.

As you successfuly finish your studies, you will get a certificate or a diploma. It will be the same for all students with minor differences (a name and a list of numbers, your grades).

As you start looking for a suitable job, it will be helpful to have additional documents, more personal documents that will impress a prospective employer with the skills you have mastered. Your project can be such a document.

Prospective employers will be able to understand the project and its goals even if they have no idea how to solve the problems. They will also be able to read and appreciate your solution if you present it well.

As you work on this project, think of it as a part of your future portfolio.