

# Lab 11 - Assignment

## Files

### CS 112 – Summer 2022

#### Description

Luffy still has no idea what the One Piece Treasure, even his crew still has no idea what he looks like.

Recently, Luffy found a note that might contain information about One Piece's location, but the note is encrypted. After analyzing it, Nico Robin realizes that if he groups the numbers into three digits each, it corresponds to the letter of the ascii code.

Nico wants your help to code a program to decrypt the message.

#### Requirements:

- Read the `encrypted.txt` file to decrypt the message `#open for reading`
- Write the decrypted message to the `decrypted.txt` file `#open for writing`

The decrypted message must be written on the same line (unless there is an explicit '\n' in it), i.e. do not add any new line or any additional char in the message.

#### Note:

- The `ord()` function transforms a char to ascii
- The `chr()` function transforms an ascii to a char

#### Allowed things:

- Any arithmetic operators are fine
- Any relational operator: `<`, `<=`, `==`, etc.
- Branching: `if`, `if-else`, `if-elif-else`
- These functions `open()`, `ord()`, `str()`, `int()`, `chr()`, `range()`
- You are allowed to use file methods

#### Disallowed things:

- You are not allowed to import anything
- You are not allowed to use any features not covered in lecture yet
- No hard coding

