TEST:

Implement a program, that is capable of decrypting text files with the substitution cipher. You have the following files: ‘language.txt’, which contains a sample of the language the ciphered text is in. File ‘encoded.txt’ contains the encrypted text. The substitution is applied only to the lowercase letters of the files, the other symbols are not changed.

Implement a program that when given one command line argument reads the file with the name of the argument and prints out the letters according to their frequency in the text. We will call this output a ‘letter frequency table’ LFT.

When given three command line arguments, it reads the encrypted file (first argument) its LFT (second argument) and the LFT of the language (third argument) and it decodes and prints the first 50 letters of the encrypted file.

- Read a text file, output an LFT (3)
- Decrypt a file according to the two LFT’s (3)
- Have the LFT calculation (over a buffer) as a separate function (1)
- Have the decryption as a separate function (1)
- Have the two functions as another module (1)
- Write a makefile that compiles and links the modules (1)