Task 1

This project is supposed to implement a file encryption. In the main class, there is a method encryptfile that receives three parameters. First, the path to the plain-text file, second, the path to where the ciphertext should be stored, and third the password for decryption. Currently, the program simply copies the file, that is, it first reads it and then writes it to the output location. This feature is implemented by means of the FileHandler class. It currently comprises two methods, readFile() that reads a file and returns its *content*, and writeContent() that writes that *content* to harddisk again. Your task is to implement the encryption of this file. You can assume that you must share any secrets important to decrypt the once encrypted file over the phone.

You can check your implementation at any time, by running the four test cases in TaskOneTest. Currently, one of them fails. Only when all four of them are passing, your implementation counts as functionally correct.