Secure Programming Final Writeup

I chose a project from Computer Programming 1. It takes a file and encrypts/decrypts it.

Some initial problems before editing are:

1. Input Validation
   1. There is not system in place to check if the file is real. If the file is not real it will break.
2. Error Handling-
   1. There is not a system in place if a file can’t be opened. Goes with input validation.
3. File Handling
   1. The file handling is done outside of the functions were it is defined which you usually don’t want to do.
   2. The close functions are also outside the functions and should be in them because it crashes.
4. Better instructions for user
   1. Not great user interface

Test coverage is 0% because there were no tests.