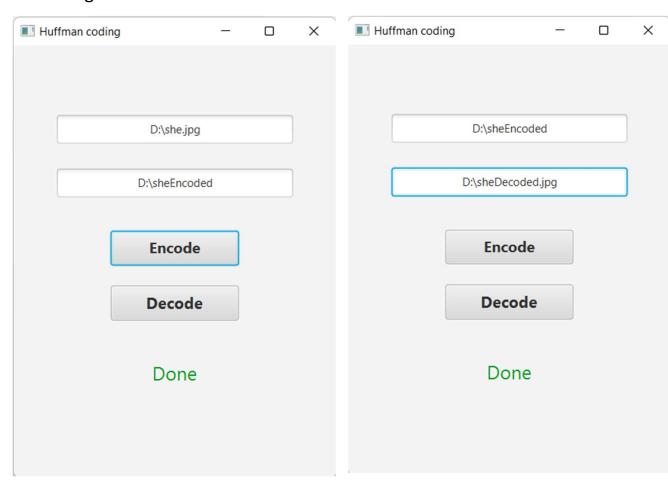
Program GUI:



Program output:

