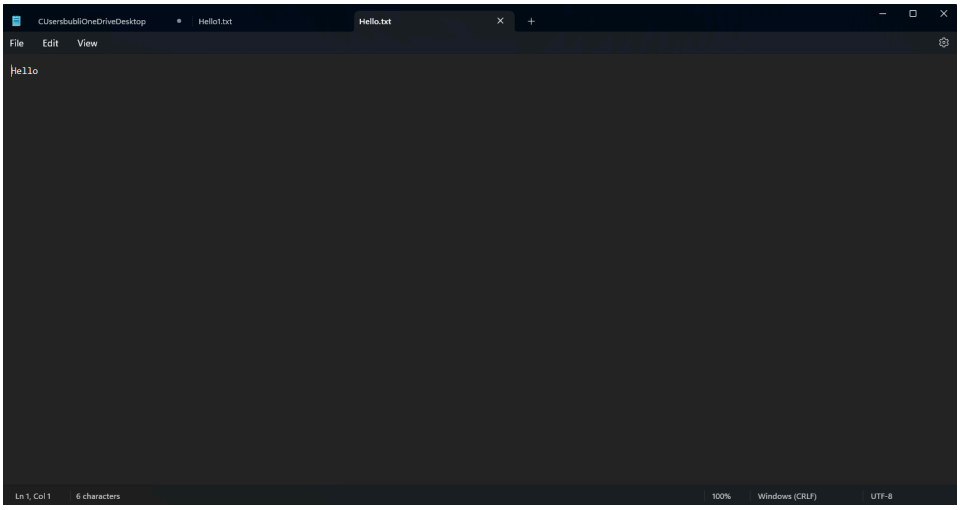
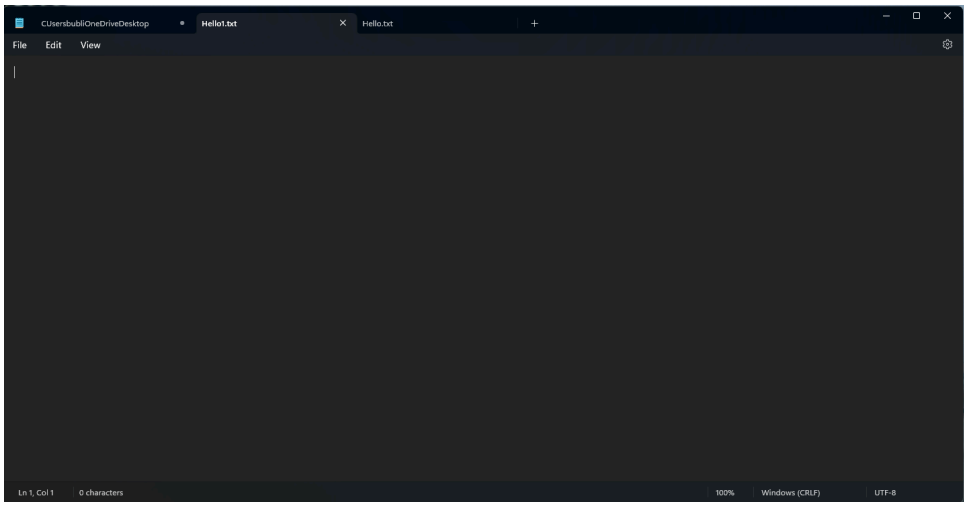
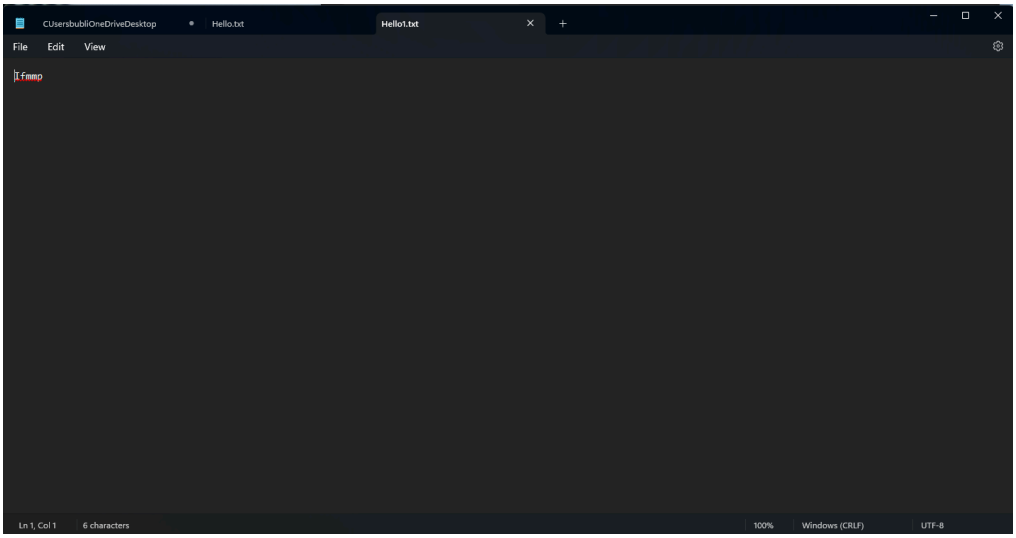
Test plan

Test plan for this assignment consists of: testing simple encryption (with both files on desktop, and a single word), simple decryption (works the same way), changing the key, encrypting and decrypting a whole sentence.

1. Simple encryption with two .txt files, containing word “Hello”

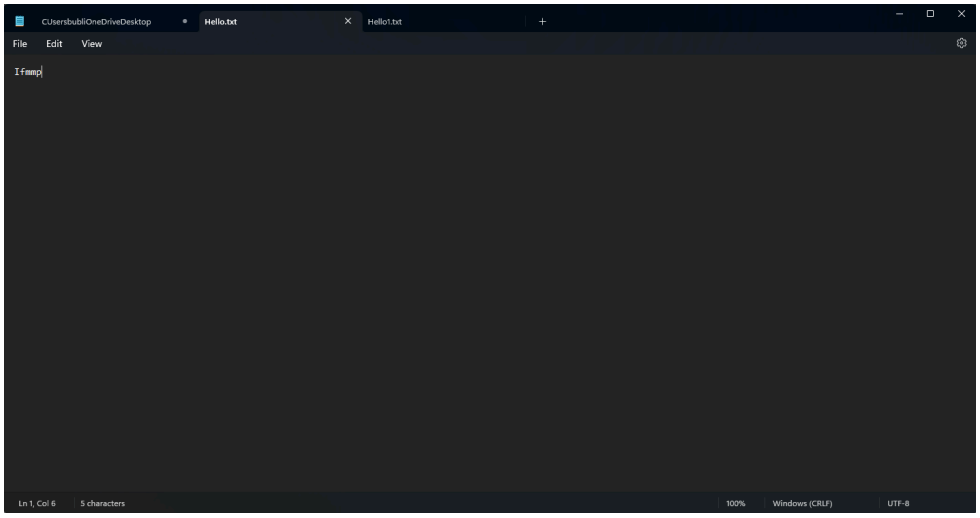


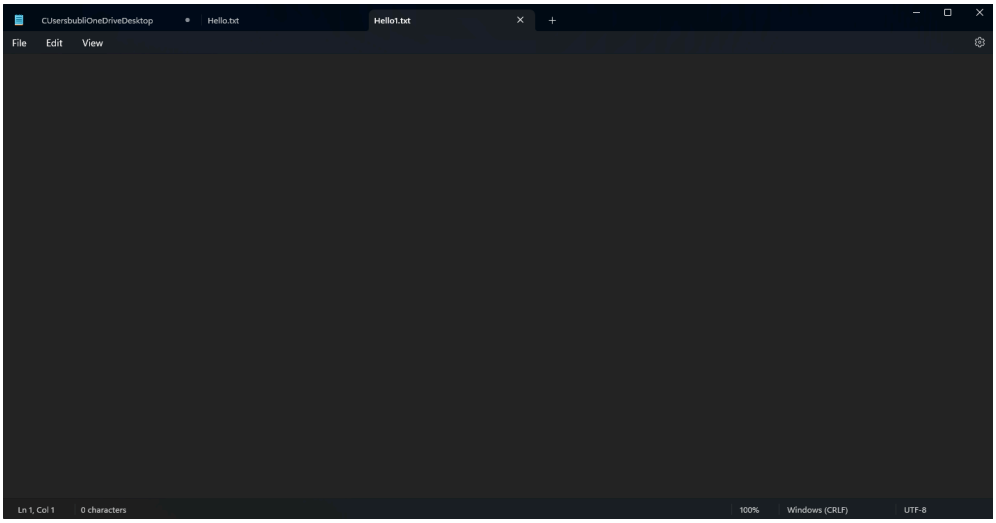




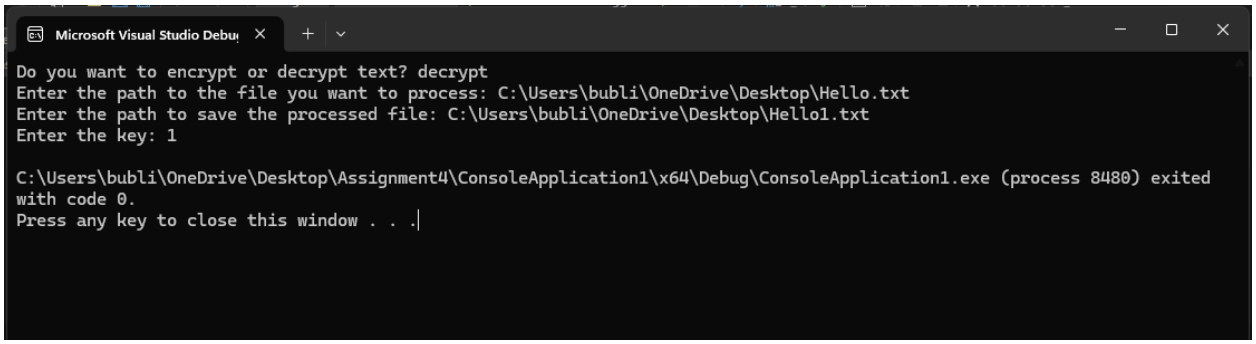
Indeed, encrypting did work.

2. Simple decryption

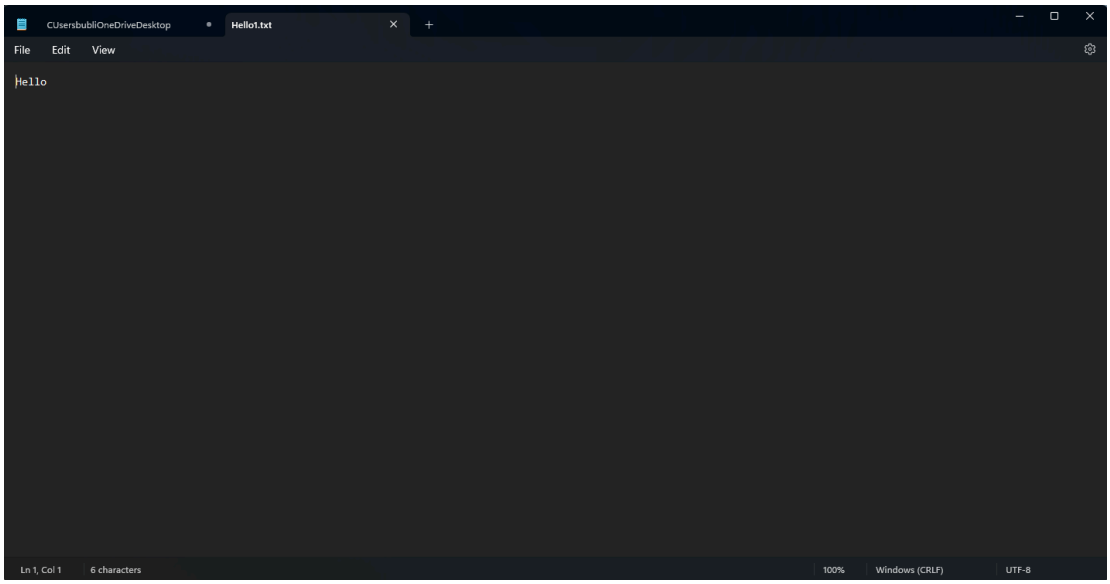




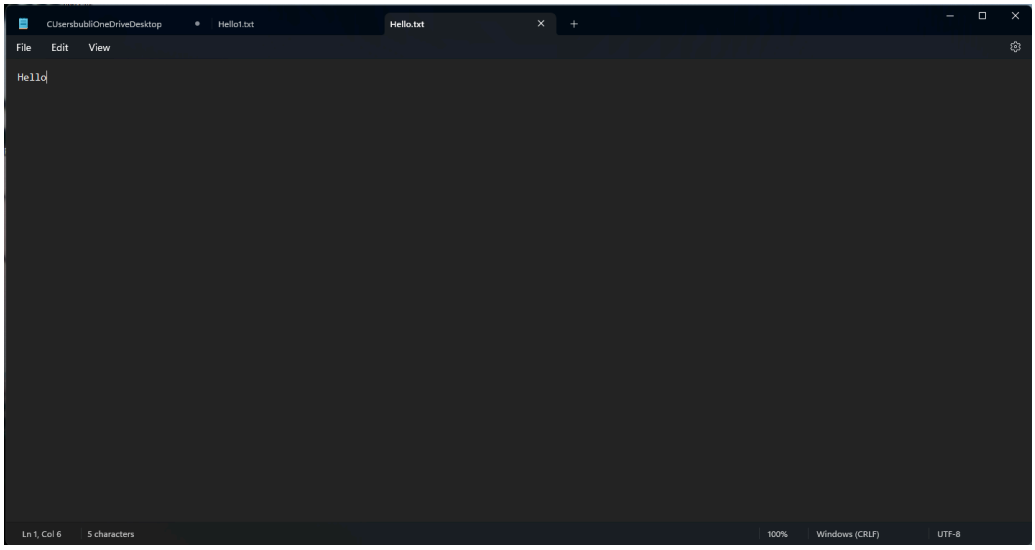
File, which previously contained “Hello”, now contains “Ifmmp” (which is indeed an encrypted Hello, with 1 used as a key)

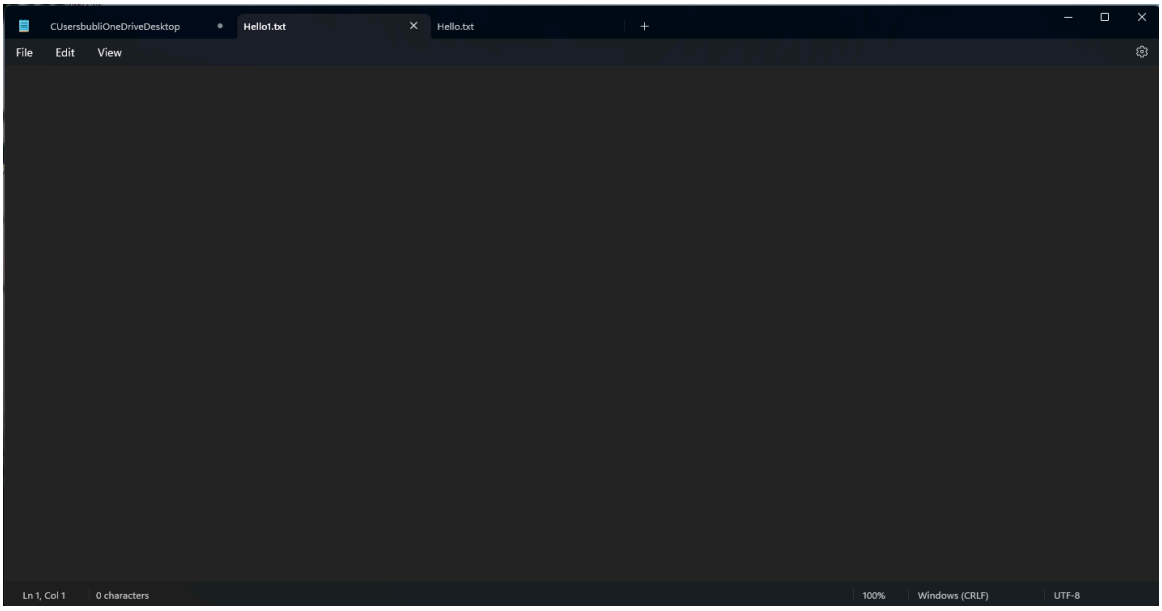


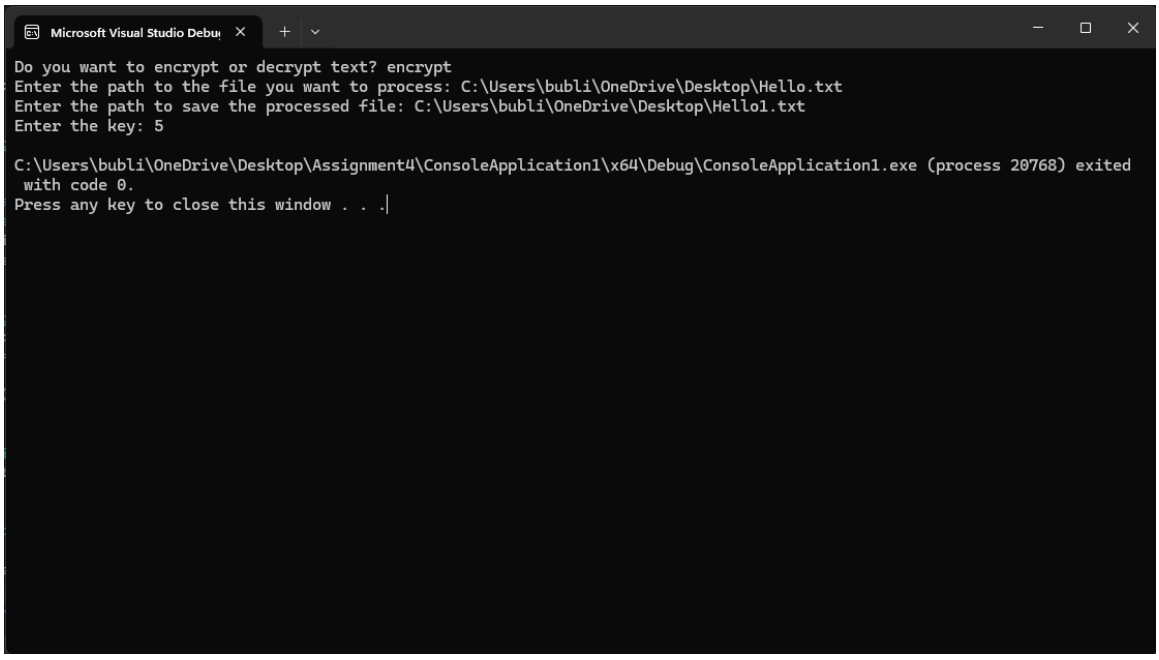
Word “Hello” was decrypted with no errors

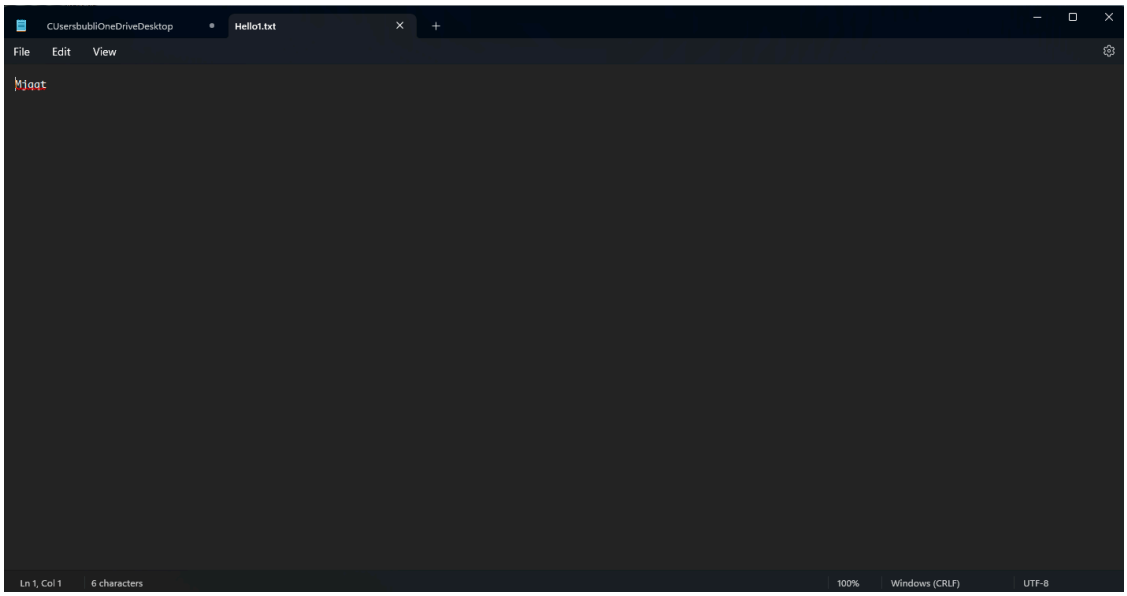


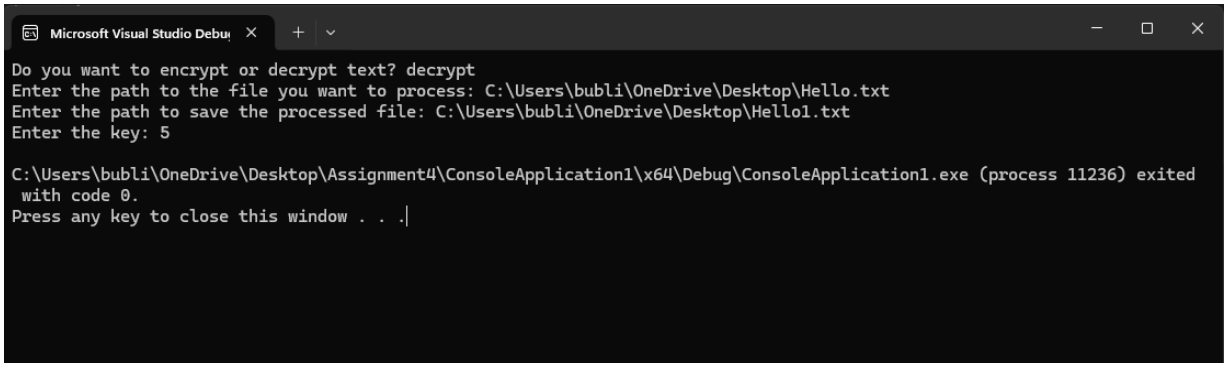
3. Encrypting/Decrypting with a different key

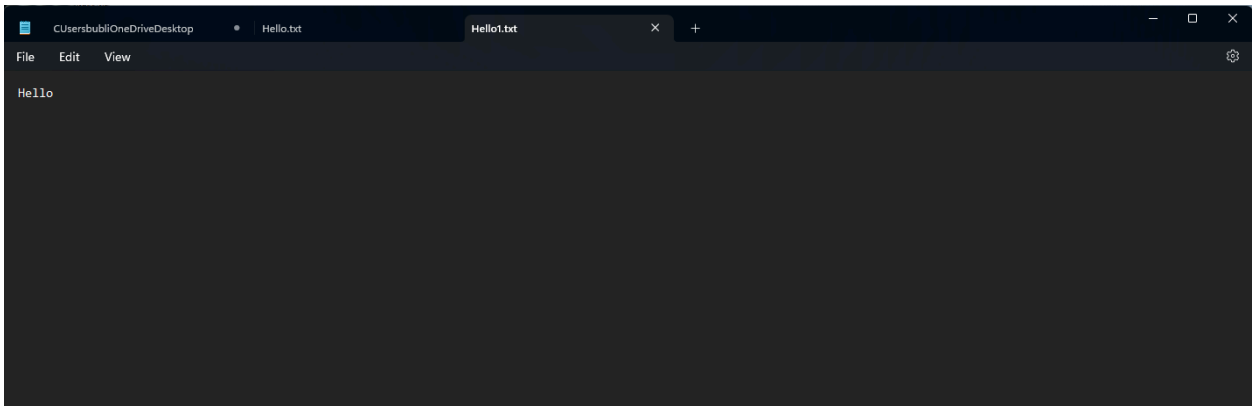



CUsersbubliOneDriveDesktop
Hello1.txt
Hello.txt
File
Edit
View
Ln 1, Col 1
0 characters
100%
Windows (CRLF)
UTF-8

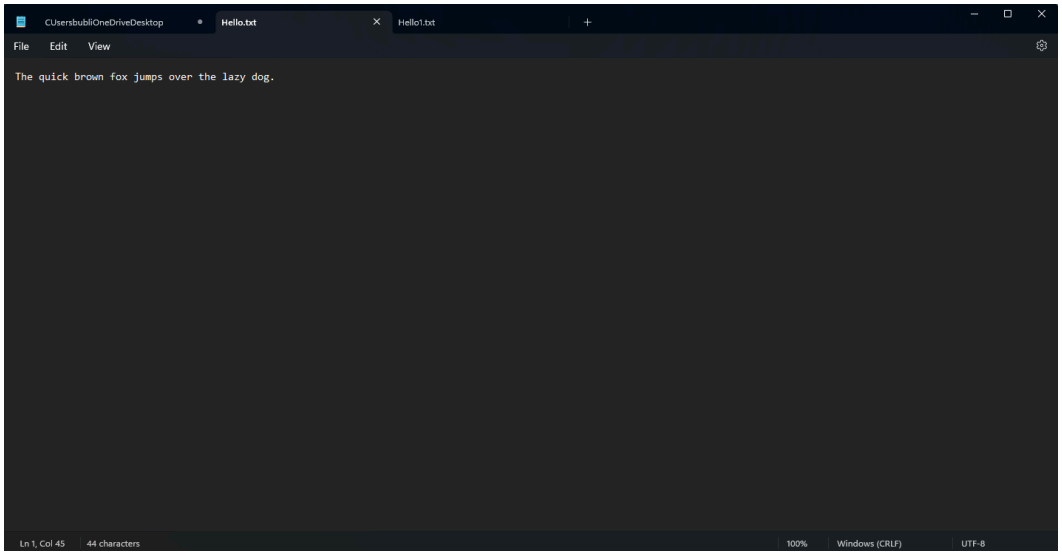

Microsoft Visual Studio Debu
Do you want to encrypt or decrypt text? encrypt
Enter the path to the file you want to process: C:\Users\bubli\OneDrive\Desktop\Hello.txt
Enter the path to save the processed file: C:\Users\bubli\OneDrive\Desktop\Hello1.txt
Enter the key: 5
C:\Users\bubli\OneDrive\Desktop\Assignment4\ConsoleApplication1\x64\Debug\ConsoleApplication1.exe (process 20768) exited with code 0.
Press any key to close this window . . .

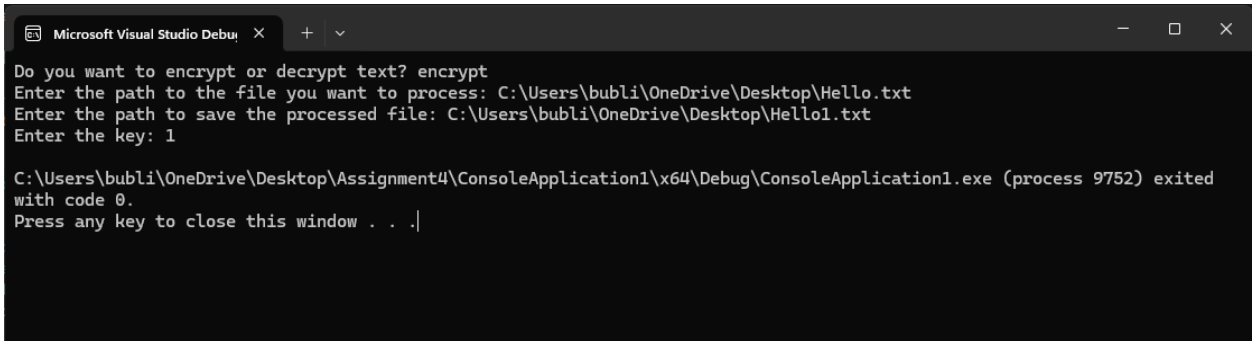

CUsersbubliOneDriveDesktop
Hello1.txt
File
Edit
View
Mjqqt
Ln 1, Col 1
6 characters
100%
Windows (CRLF)
UTF-8

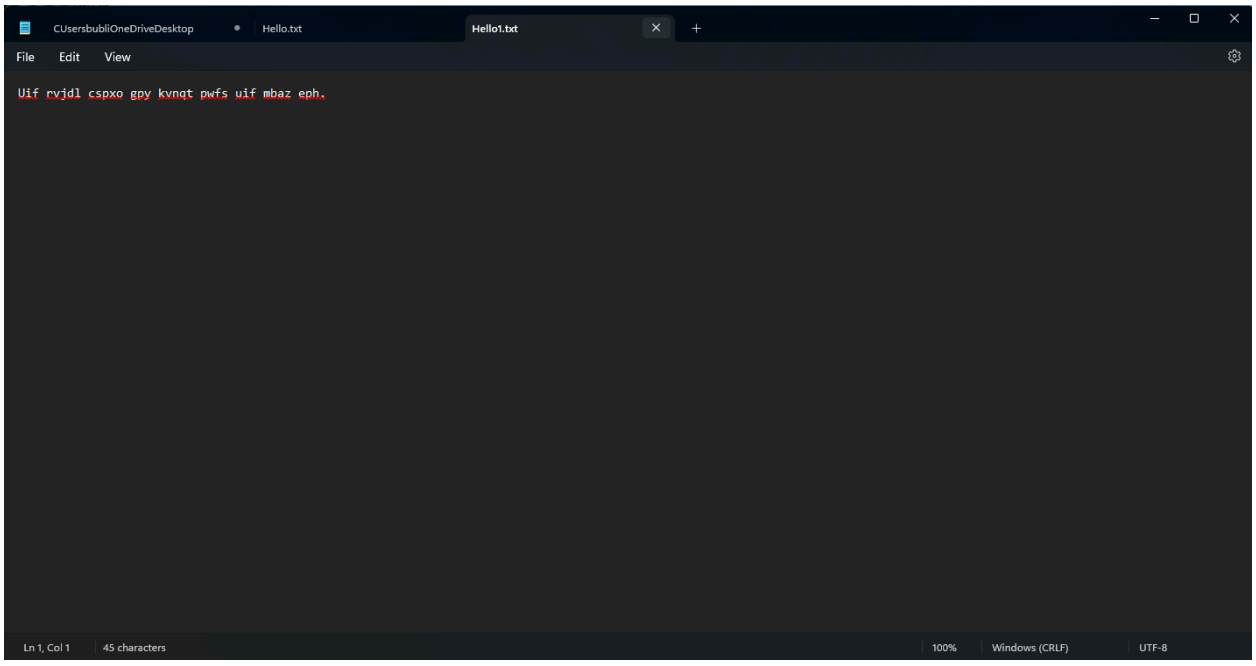

Microsoft Visual Studio Debu
Do you want to encrypt or decrypt text? decrypt
Enter the path to the file you want to process: C:\Users\bubli\OneDrive\Desktop\Hello.txt
Enter the path to save the processed file: C:\Users\bubli\OneDrive\Desktop\Hello1.txt
Enter the key: 5
C:\Users\bubli\OneDrive\Desktop\Assignment4\ConsoleApplication1\x64\Debug\ConsoleApplication1.exe (process 11236) exited with code 0.
Press any key to close this window . . .

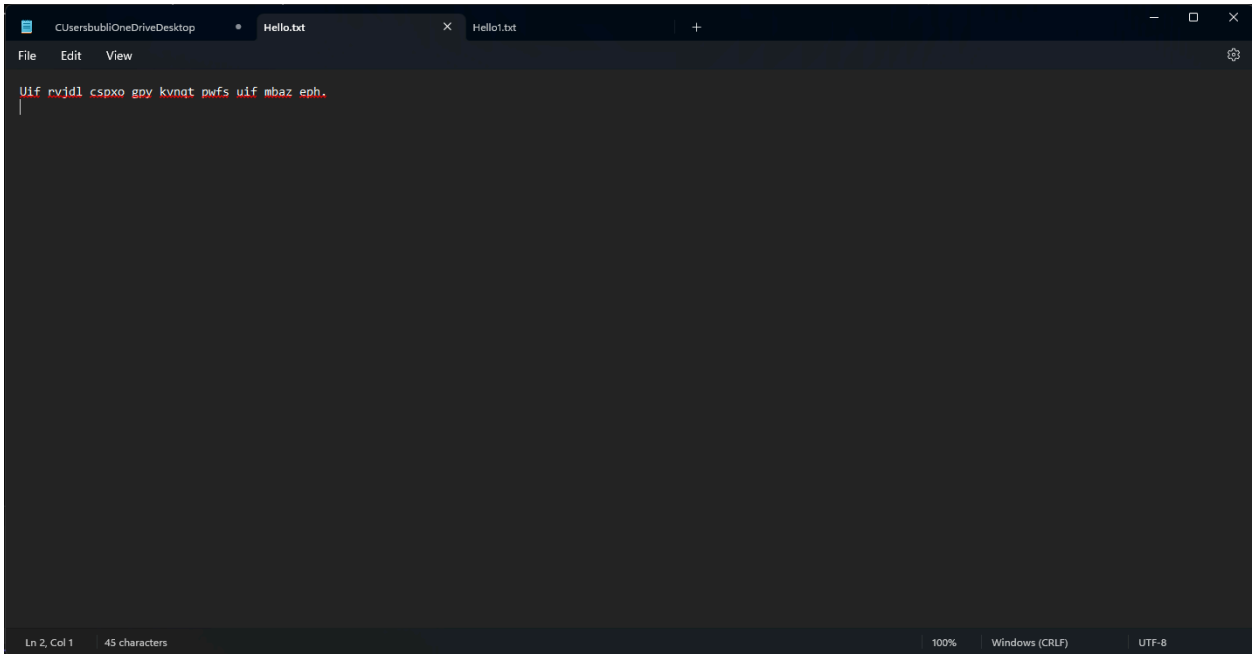

CUsersbubliOneDriveDesktop
Hello.txt
Hello1.txt
File
Edit
View
Hello

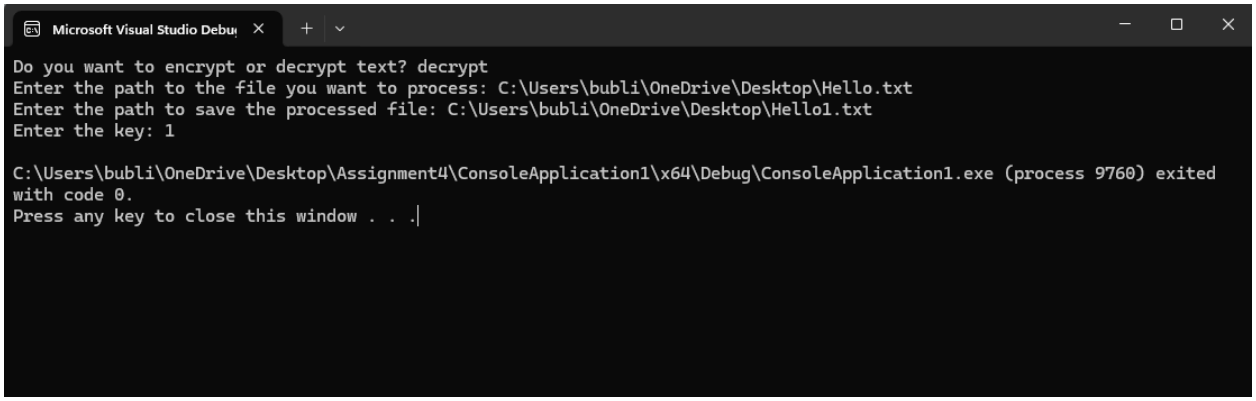
4. Encrypting and decrypting a whole sentence

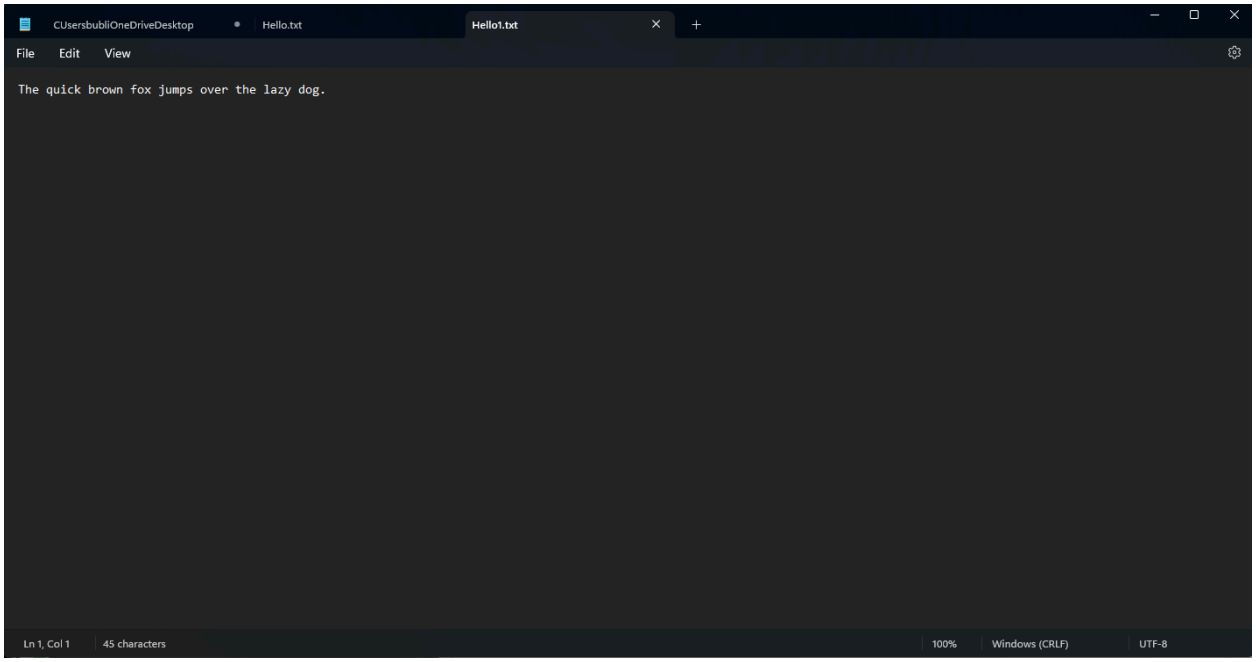







CUsersbubliOneDriveDesktop
Hello.txt
Hello1.txt
File
Edit
View
Uif rvjdl cspxo gpy kvnqt pwfs uif mbaz eph.
Ln 2, Col 1
45 characters
100%
Windows (CRLF)
UTF-8


Microsoft Visual Studio Debu
Do you want to encrypt or decrypt text? decrypt
Enter the path to the file you want to process: C:\Users\bubli\OneDrive\Desktop\Hello.txt
Enter the path to save the processed file: C:\Users\bubli\OneDrive\Desktop\Hello1.txt
Enter the key: 1
C:\Users\bubli\OneDrive\Desktop\Assignment4\ConsoleApplication1\x64\Debug\ConsoleApplication1.exe (process 9760) exited with code 0.
Press any key to close this window . . .


CUsersbubliOneDriveDesktop
Hello.txt
Hello1.txt
File
Edit
View
The quick brown fox jumps over the lazy dog.
Ln 1, Col 1
45 characters
100%
Windows (CRLF)
UTF-8