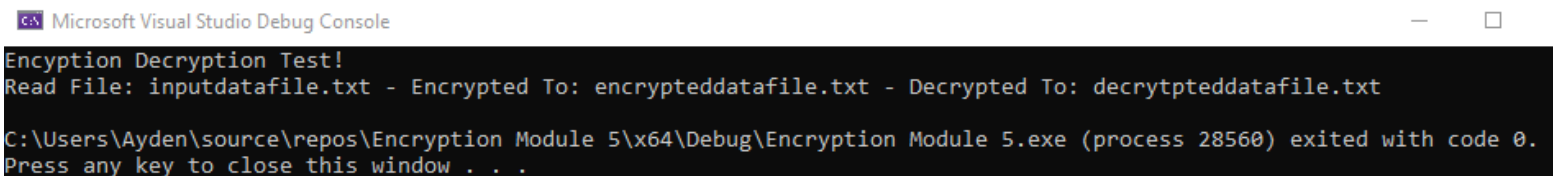


This assignment was incredibly tough for me - not because of the content itself, but rather because it took my many many hours of senseless debugging to realize that Visual Studio itself was the reason my code wasn't running. Although I had thought I had put the input txt and the cpp file in the right place, it apparently wasn't the correct directory. Nonetheless, the rest of the TODOs were fairly simple. For the first one, I just had to encrypt the characters with a given key. The second one was the one that gave me issues for the aforementioned reason, but in the end is as simple as opening the file, taking out the data, and then passing it to the proper variable. The last TODO also gave me issues because of an apparent security flaw having to do with `localtime()`, so I had to find a workaround using `localtime_s()` instead.



Microsoft Visual Studio Debug Console

```
Encyption Decryption Test!  
Read File: inputdatafile.txt - Encrypted To: encrypteddatafile.txt - Decrypted To: decryptptedatafile.txt  
C:\Users\Ayden\source\repos\Encryption Module 5\x64\Debug\Encryption Module 5.exe (process 28560) exited with code 0.  
Press any key to close this window . . .
```