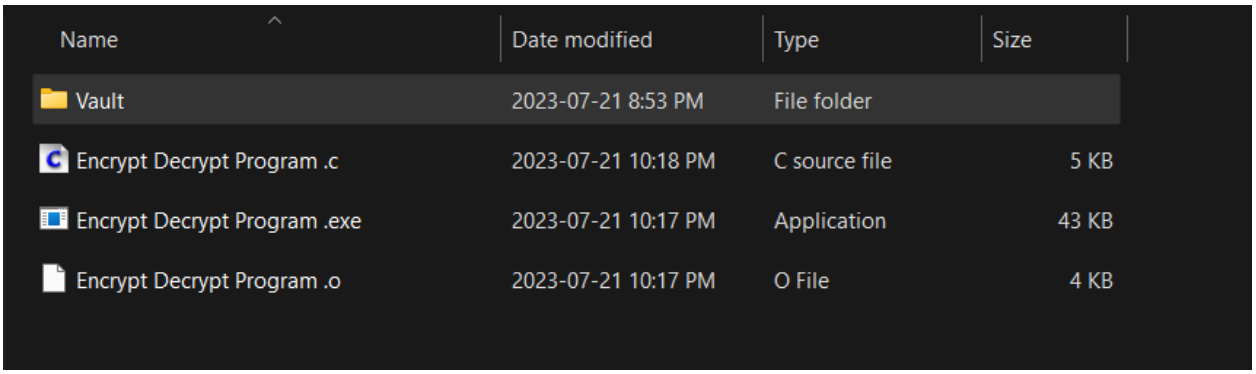
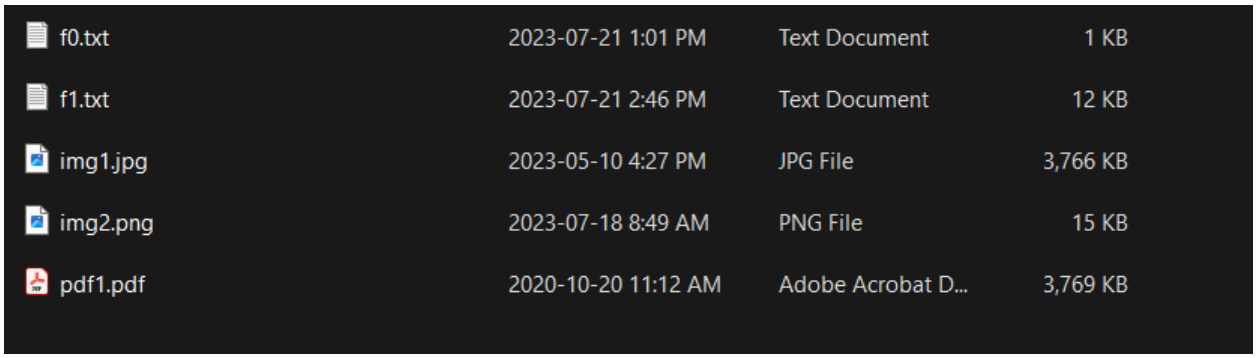
1. How Program directory should look.

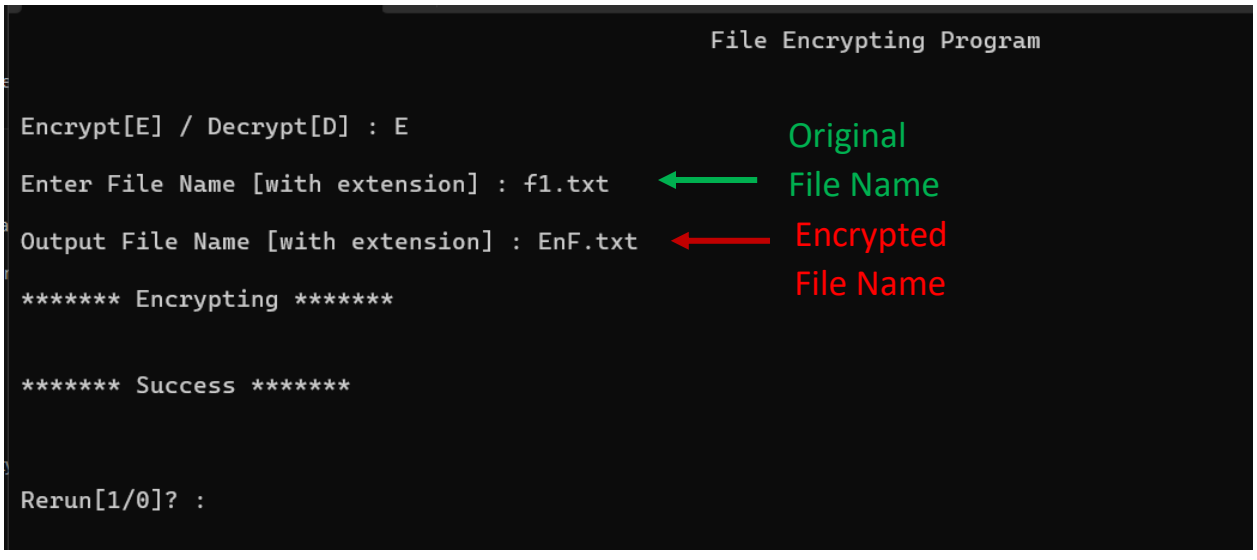


2. Inside Vault folder (Any User file can be put in hear for encryption)

Sample Files



3. CLI look when Encrypting.



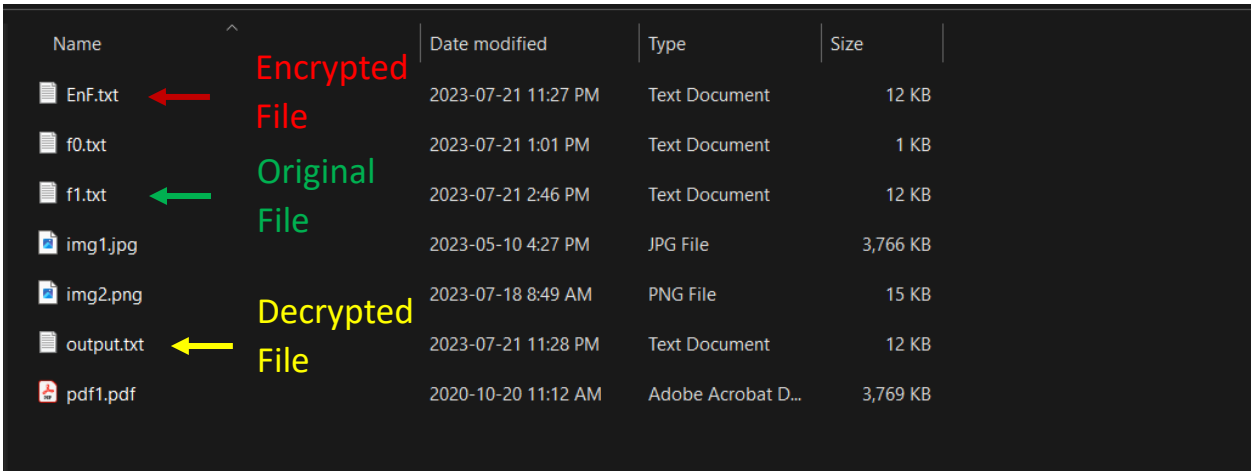
4. Rerunning the program for Decrypting.

```
Rerun[1/0]? : 1


Encrypt[E] / Decrypt[D] : D
Enter File Name [with extension] : EnF.txt
Output File Name [with extension] : output.txt
******* Decrypting *******

******* Success *******


Rerun[1/0]? :
```

Encrypted File Name

Decrypted File Name

5. Encrypted and Decrypted files appears in the Vault folder.



Encrypting-Program

This Simple Program written entirely from c language can encrypt and decrypt a binary file.

Inputs

1. Mode: E for encrypting / D for decrypting.
2. File Name: Source file you want to encrypt/decrypt.
3. Output Name: A name for the processed file.
4. Rerun: To re-run the program.

Outputs

1. Encrypted/Decrypted File

Requirements:

1. A valid binary file to Encrypt (.txt, .jpg, .pdf, .png, .c, etc.)
2. Every Input/Output file MUST be inside “Vault/ “
3. Use “File_Name.extention” format when giving names. [Sometimes program still runs without. extension]
4. Undefined inputs will lead to errors.

Handled Error behavior:

1. Wrong mode
2. Input file doesn’t exist.
3. Output file name already exist.
    - user can overwrite it / give a new name.
4. wrong input for re-run.

Other Notes:

- “Vault/” already has some sample files. You can use your own files.
- Encrypted file’s extension doesn’t have to be same as the original file.
- But decrypted file needs same extension as the original file to work properly.