

How to compile and run on Linux:

1. Change directory to project directory "cd Edmondson_Cameron_cs4600p1"
2. Compile: g++ AES128Encrypt -o AES128Encrypt
3. Run program: ./AES128Encrypt text_to_be_encrypted.txt

```
root@kali: ~/Desktop/Edmondson_Cameron_cs4600p1
File Actions Edit View Help
root@kali: ~/...eron_cs4600p1 x
root@kali:~/Desktop/Edmondson_Cameron_cs4600p1# g++ AES128Encrypt.cpp -o AES128Encrypt
root@kali:~/Desktop/Edmondson_Cameron_cs4600p1# ./AES128Encrypt plain_text.txt
##### AES 128-bit Encryption #####
[-] Example usage: AES128Encrypt file_to_be_encrypted.txt
[-] Enter 32 digit HEX key i.e. f7 dd 3b 98 1e f3 25 c3 e3 51 09 d2 6b 5c aa dd

[*] Enter key:f7 dd 3b 98 1e f3 25 c3 e3 51 09 d2 6b 5c aa dd
root@kali:~/Desktop/Edmondson_Cameron_cs4600p1#
```

How to compile and run on Windows:

1. Change directory to project directory "cd Edmondson_Cameron_cs4600p1"
2. Compile: g++ AES128Encrypt -o AES128Encrypt
3. Run program: ./AES128Encrypt text_to_be_encrypted.txt

```
C:\Users\edmon\Edmondson_Cameron_cs4600p1>g++ AES128Encrypt.cpp -o AES128Encrypt
C:\Users\edmon\Edmondson_Cameron_cs4600p1>AES128Encrypt.exe plain_text.txt
##### AES 128-bit Encryption #####
[-] Example usage: AES128Encrypt file_to_be_encrypted.txt
[-] Enter 32 digit HEX key i.e. f7 dd 3b 98 1e f3 25 c3 e3 51 09 d2 6b 5c aa dd

[*] Enter key:f7 dd 3b 98 1e f3 25 c3 e3 51 09 d2 6b 5c aa dd

C:\Users\edmon\Edmondson_Cameron_cs4600p1>dir
Volume in drive C has no label.
Volume Serial Number is 50F0-6739

Directory of C:\Users\edmon\Edmondson_Cameron_cs4600p1

03/22/2020  01:12 PM    <DIR>          .
03/22/2020  01:12 PM    <DIR>          ..
03/22/2020  12:49 PM             15,774 AES128Encrypt.cpp
03/22/2020  01:10 PM             81,784 AES128Encrypt.exe
03/16/2020  09:16 PM              4,983 aes128_constants.h
03/22/2020  01:12 PM              32 plain_text.enc
03/22/2020  01:11 PM              20 plain_text.txt
               5 File(s)          102,593 bytes
               2 Dir(s)  584,107,659,264 bytes free

C:\Users\edmon\Edmondson_Cameron_cs4600p1>
```

