Problem 1 *What is the error that you get for the following situations, and does the error make sense to you? Please restore the program if you change it in any way.*

(a) *When you use an undeclared variable; e.g. remove line 57 in encrypt.c.*

(b) *When you use an undeclared function; e.g. remove the declaration on line 41.*

(c) *When you use a declared but undefined function; e.g. remove the definition of is_upper_letter on lines 80-83.*

(d) *When you forgot to* `#include` *a library; e.g. remove either line 11 or line 12.*

Problem 2 *In the assignment specification, we know that passing* `-o <name>` *to clang will instruct it to produce an executable called* `<name>`*. However, when you don't include the* `-o <name>` *flag, lang will choose a default name for the produced executable. What is that default name?*

PROBLEM 3 *There are three secret messages in secrets directory that are encrypted with difference keys. Use your frequency analysis to figure out the keys and decrypt the messages.*

 (a) *What is secret0.txt? What is the key? Don't include the entire text, just tell me what it is.*

 (b) *What is secret1.txt? What is the key? Don't include the entire text, just tell me what it is.*

 (c) *What is secret2.txt? What is the key? Don't include the entire text, just tell me what it is.*

PROBLEM 4 *Describe your coding set up. What editor do you use? How do you compile, run, and test your code? How many windows/tabs do you use? etc.*

PROBLEM 5 *How many hours did you spend for this assignment?*

PROBLEM 6 *Document your collaboration here.*