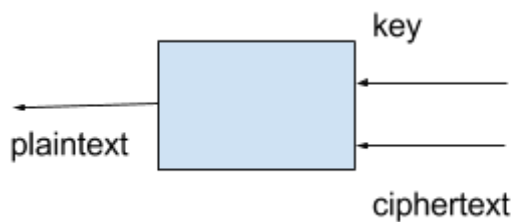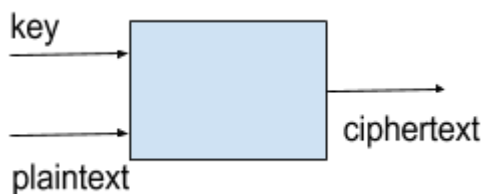# Week 2

Debugging:
- help50 (command cs50.io) => for helping with error messages while compiling
- debug50 (command cs50.io) => graphical step-by-step debugger
- rubber duck debugging (talk to inanimate object)

Problem sets:
- Scope
- Correctness
- Design
- Style

Encrypting/Decrypting:
- Secret-Key cryptography

String (an array of characters

s =   Z   a   m   y   l   a

#include <string.h>

strlen(s)   - length of string
s[i]   - get character at position i

Command line arguments (in c)

int main(int argc, string argv[]);

argv   - argument vector
argc   - argument count (the program name itself counts as argument 1)

echo $?   - see error message of last program that ran