

```
/*--- userpass.c ---*/
#include "si204.h"

int main() {
    fputs("Username: ", stdout);
    cstring name;
    readstring(name, stdin);
    fputs("Password: ", stdout);
    cstring pass;
    readstring(pass, stdin);
    if (strcmp(name, "supe") == 0) {
        if (strcmp(pass, "beatarmy") == 0) {
            fputs("yes", stdout);
        } else {
            fputs("no", stdout);
        }
    } else if (strcmp(name, "bbq") == 0) {
        if (strcmp(pass, "brisket") == 0) {
            fputs("yes", stdout);
        } else {
            fputs("no", stdout);
        }
    } else {
        fputs("no", stdout);
    }

    return 0;
}

/*--- leap.c ---*/
#include "si204.h"

int main() {
    int again = 1;
    while (again == 1) {
        fputs("What is your favorite leap year? ", stdout);
        int year = readnum(stdin);
        if (year%4 == 0 && year%100 != 0) {
            if (year%400 == 0) {
                fputs("Yes, ", stdout);
                writenum(year, stdout);
                fputs(" was a good year.", stdout);
                again += 1;
            } else {
                writenum(year, stdout);
                fputs(" is not a leap year!\n", stdout);
            }
        } else if (year%4 != 0) {
            fputs("Yes, ", stdout);
            writenum(year, stdout);
            fputs(" was a good year.", stdout);
            again += 1;
        } else {
            writenum(year, stdout);
            fputs(" is not a leap year!\n", stdout);
        }
    }

    return 0;
}
```