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/*--- sum.c ---*/
//Mike Hanling
#include <stdio.h>
typedef char cstring[128];

int main() {
    //read in filename and open it
    cstring filename;
    printf("Filename: ");
    scanf(" %s", filename);
    FILE* fin = fopen(filename, "r");

    double current = 0; //current value in file
    double ans = 0; //sum total of currents

    //reads through each number until the file's end
    while (fscanf(fin, " %lg", &current) >= 0) {
        ans += current;
    }
    fclose(fin);

    //print answer to user
    printf("%g", ans);

    return 0;
}
```