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`scanf` is for parsing whitespace delimited data, not line-oriented data. If you want to read *lines* it is much better to use `fgets`. If you want to read lines, and then break down the lines into whitespace delimited data, you can use `sscanf` on the buffer returned by `fgets`:



```
#include <stdio.h>

#define MAXINTS 100 /* maximum number of integers we can read */
#define MAXLINE 1024 /* maximum input line length */

int main() {
    char buffer[MAXLINE], *p;
    int data[MAXINTS];
    int count = 0, len;

    printf("Enter some numbers: ");
    fgets(buffer, sizeof(buffer), stdin);
    p = buffer;
    while (count < MAXINTS && sscanf(p, "%d%n", &data[count], &len) > 0) {
        ++count;
        p += len; }

    printf("Read %d numbers on a line:", count);
    for (int i = 0; i < count; ++i) printf(" %d", data[i]);
    printf("\n");
}
```