**/\*有5个学生，每个学生有三门课的成绩，从键盘输入以上数据(包括学号、姓名、语文成绩、数学成绩、英语成绩)，计算出，每个学生的平均成绩并进行保存。**

**将已输入的原有数据和计算出的平均分数存放在磁盘文件stud.txt中。在向文件stud.txt写入数据后，通过显示到屏幕上来检查stud.txt文件中的内容是否正确。\*/**

**#include <stdio.h>**

**#include <stdlib.h>**

**struct student**

**{**

**int num;**

**char name;**

**int chinese\_score;**

**int math\_score;**

**int english\_score;**

**float average**

**};**

**int main()**

**{**

**struct student score[5];**

**int i;**

**float a[5];**

**for(i = 0; i < 5; i++)**

**{**

**scanf("%d %c %d %d %d", &score[i].num, &score[i].name, &score[i].chinese\_score, &score[i].math\_score, &score[i].english\_score);**

**score[i].average = ( (float)(score[i].chinese\_score + score[i].math\_score + score[i].english\_score) )/3;**

**}**

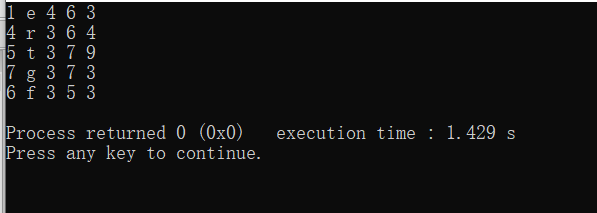
**FILE \*fp = fopen("stud.txt", "w+");**

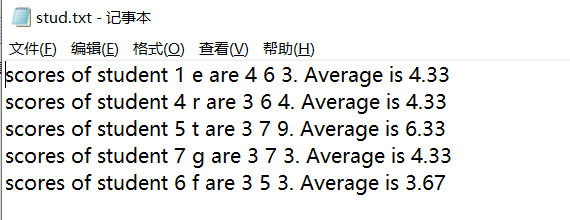
**for(i = 0; i < 5; i++)**

**fprintf(fp, "scores of student %d %c are %d %d %d. Average is %.2f\n", score[i].num, score[i].name, score[i].chinese\_score, score[i].math\_score, score[i].english\_score, score[i].average);**

**return 0;**

**}**

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