第七章课后作业二

score作业

fr = open("score.csv", "r")

ls = []

for line in fr:

line = line.replace("\n","")

ls.append(line.split(","))

print(ls)

fr.close()

LMEname = ls[0][1:]

Max = [0,0,0]

Min = [100,100,100]

Average = [0,0,0]

for n in ls[1:]:

for i in range(3):

score = int(n[i+1])

if score > Max[i]:

Max[i] = score

elif score < Min[i]:

Min[i] = score

Average[i] += score

for i in range(3):

Average[i] = Average[i]/5

for i in range(3):

print(" {}: 最高分是{} 最低分是{} 平均分是{}".format(LMEname[i], Max[i], Min[i], Average[i]))

ls[0].append("总成绩")

for i in range(1, len(ls)):

total = 0

for j in range(1, len(ls[i])):

total += int(ls[i][j])

ls[i].append(str(total))

fw = open("scoreout.csv","w")

for row in ls:

fw.write(",".join(row) + "\n")

fw.close()

fo = open("scoreout.csv","r")

ls = []

for line in fo:

line = line.replace("\n","")

ls.append(line.split(","))

print(ls)

fo.close()

