7.6

def Fundamentalfunction():

print("\n请选择词典的基本功能")

print("a:添加")

print("b:查询")

print("c:退出")

print("请选择需要的词典功能：")

return input()

def addword(worddict:dict):

d = input("请输入你需要添加的单词：")

if d in worddict():

print("该单词已经添加到字典库")

else:

e = input("请输入中文释义：")

print(d + ' ' + t + "\n")

def searchword(worddict:dict):

f = ("请输入要查找的单词：")

if f in worddict():

print(worddict[f])

else:

print("字典库中未找到这个单词")

while True:

def sum():

g = Fundamentalfunction()

if g == 'a':

addword(worddict)

elif g == 'b':

selectword(worddict())

elif g == 'c':

break

else:

print("输入有误\n")

sum()

7.7

fo = open("score.csv","r")#打开一个文件

ls = []

for line in fo:

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

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

fo.close()

className = ls[0][1:]

min\_grade = [100,100,100]

max\_grade = [0,0,0]

ave\_grade =[0,0,0]

for s in ls[1:]:

for i in range(3):#求出每个科目的最高分与最低分

grade = float(s[i+1])

if grade > max\_grade[i]:

max\_grade[i] = grade

elif grade < min\_grade[i]:

min\_grade[i] = grade

ave\_grade[i] += grade#计算每个科目的总分

for i in range(3):

ave\_grade[i] = ave\_grade[i]/( len(ls) - 1) #计算平均数

for i in range(3):

print("{}的最高分是： {}，最低分是：{},平均分是{}".format(className[i], max\_score[i], min\_score[i],ave\_grade[i])) #输出成绩

ls[0].append("总分")#求每个人的总分

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

sum = 0

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

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

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

fy = open("newscore.csv","w")#创建一个新的文件

for row in ls:

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

print(ls)

fy.close()