**计算机程序设计实验报告8**

姓名：刘启鹏 学号：117060400107 班级：应统一班 指导老师：林卫中

# 实验目的：完成第六章的程序练习题

# 实验操作：

1. P180 6.1

import random

def generatePSW(chList, n):

psw = []

size = len(chList)

for i in range(n):

#k = random.randint(0,size-1)

#psw.append( chList[k])

psw.append.random.choice(chList)

return "".join(psw)

ch = []

c = 'A'

while c <= 'Z':

ch.append(c)

c = chr(ord(c) + 1)

c = 'a'

while c <= 'z':

ch.append(c)

c = chr(ord(c) + 1)

c = '1'

while c <= '9':

ch.append(c)

c = chr(ord(c) + 1)

def generatePSW():

for i in range(8):

PSW = random.choice(ch)

print(PSW, end = '')

for i in range(10):

print("第{0:2} 个随机密码: ".format(i+1,generatePSW()))

1. P180 6.2

def isRepetitive(ls:list):

for x in ls:

if ls.count(x) > 1:

return True

return False

def isRepetitive2(ls):

nset = set(ls)

if len(nset) == len(ls):

return False

return True

list1 = [1,2,1,3,1]

if isRepetitive(list1):

print("有重复元素")

else:

print("没有重复元素")

1. P180 6.3

def isRepetitive(ls:list):

for x in ls:

if ls.count(x) > 1:

return True

return False

list1 = [1,2,1,3,1]

if isRepetitive(list1):

print("有重复元素")

else:

print("没有重复元素")

# 实验结果

