**计算机程序设计实验报告6**

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：熟悉第五章函数和代码复用并实践程序练习题

# 实验操作：

1. P151 5.1

n = 33

for i in range(n):

if i%8 == 0:

print('+------------+------------+------------+------------+')

else:

print('| | | | |')

1. P 151 5.2

def isOdd(n):

if n%2 == 1:

return True

else:

return False

while True:

n = eval(input("Please enter an Integer:"))

if n == -1:

print("program is over!")

break

if isOdd(n):

print("{} is odd".format(n))

else:

print("{} is even".format(n))

1. P151 5.3

def isNum(s):

try:

n = eval(s)

except:

return False

return True

while True:

s = input("Enter a string:")

if isNum(s):

print("{} is a number".format(s))

else:

print("{} is not a number".format(s))

1. P151 5.4

def multi(\*a):

if len(a) == 0:

return 0

t = 1

for i in a:

t = t\*i

return t

print(multi())

print(multi(2,8,9))

print(multi(1,5))

1. P151 5.5

def isPrim(n):

for i in range(2,n):

if n%i == 0:

return False

return True

if isPrim(15070717702):

print("is prime")

else:

print("is not prime")

# 实验结果：

# 