# Pranav Abbaraju

# Loops Lab 2

print "mini lab #10 - diagonalNStars:"

def diagonalNStars(num):

star = ""

numCount = num

for x in range(num):

numCount -= 1

for y in range(x):

star += " "

star += "\*"

for y in range(numCount):

star += " "

star += "\n"

return star

print diagonalNStars(int(raw\_input("Enter the number of stars to be printed: ")))

print diagonalNStars(int(raw\_input("Enter the number of stars to be printed: ")))

print diagonalNStars(int(raw\_input("Enter the number of stars to be printed: ")))

#\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

print "mini lab #11 - reverseDiagonalNStars:"

def reverseDiagonalNStars(num):

star = ""

numCount = num

for x in range(num):

numCount -= 1

for y in range(numCount):

star += " "

star += "\*"

for y in range(x):

star += " "

star += "\n"

return star

print reverseDiagonalNStars(int(raw\_input("Enter the number of stars to be printed: ")))

print reverseDiagonalNStars(int(raw\_input("Enter the number of stars to be printed: ")))

print reverseDiagonalNStars(int(raw\_input("Enter the number of stars to be printed: ")))

#\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

print "mini lab #11 - VStars:"

def VStars(num):

star = ""

numCount = num

for x in range(num):

numCount -= 2

star += "\*"

for y in range(numCount):

star += " "

star += "\*"

star += "\n"

return star