\*\*\*\*\*\*<https://repl.it/repls/BackProperKangaroo>\*\*\*\*\*\*

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# Loops forward and backward, nested loops

# a loop that moves forward starts low ends high (+ step)

# a loop that moves backward starts high ends low (- step)

'''

def forwardLoop():

output = ""

for x in range(1, 10, 2): # range() with 3 parameters: 3rd parameter is the step

output += str(x) + "\n"

return output

print forwardLoop()

def backwardsLoop():

output = ""

for x in range(10, 0, -3):

output += str(x) + "\n"

return output

print backwardsLoop()

def reLoop():

output = ""

for x in reversed(range(1,5)):# another way to go backward: however, it starts at 4 because it is the same process

output += str(x)

return output

print reLoop()

# Nested loops: create things using rows and columns

# loop inside a loop

for x in range(5):

print "Outer Loop " + str(x) + ": ",

for y in range(5):

print str(y),

print "\n"

'''

output = ""

for x in range(5): #outer loop controls number of rows

for y in range(5): #inner loop controls number of columns

output += "\*" #reassignment

output += "\n" #everything inside the outer loop is the action

print output