#

2={1,2,4,3,5}

print(s1.issubset(s2))

#

tuple=(1,2,9,8,3,4,7,6)

slice\_tuple=tuple[2:6]

print(slice\_tuple)

#

tup=("munch","perk","snickers")

chocolate1,chocolate2,chocolate3=tup

print(chocolate1)

print(chocolate2)

print(chocolate3)

#

l=[(2,5),(9,),(8,7,6),(4,),(12,4,16,7)]

k=3

for i in l:

if len(i)==k:

l.remove(i)

print(l)

#

t=[('anu',1),('hema',3),('vino',5)]

print(dict(t))"""

#

n=int(input())

for i in range(n,0,-1):

print(" "\*(n-i)+"\* "\*i)

for i in range(1,n+1):

print(" "\*(n-i)+"\* "\*i)