# -\*- coding: utf-8 -\*-

"""

Created on Wed Nov 4 15:17:48 2020

@author: danny

"""

x1=[0,0,1,1]

x2=[0,1,0,1]

out=[]

w1=1

w2=1

b=-0.5

for i in range(4):

if w1\*x1[i]+b+w2\*x2[i]+b>0:

out.append(1)

else:

out.append(0)

print(out)

# -\*- coding: utf-8 -\*-

"""

Created on Wed Nov 4 15:24:00 2020

@author: danny

"""

x1=[0,0,1,1]

x2=[0,1,0,1]

out=[]

w1=1

w2=1

b=-0.5

for i in range(4):

if w1\*x1[i]+b+w2\*x2[i]+b<=0:

out.append(1)

else:

out.append(0)

print(out)