import networkx as n

import matplotlib.pyplot as plt

import random\_walk as p

g=n.DiGraph()

for ele in range(4):

g.add\_node(ele)

g.add\_edge(0,1)

g.add\_edge(1,2)

g.add\_edge(1,3)

g.add\_edge(2,0)

g.add\_edge(2,3)

nx.draw(g,with\_labels=1)

plt.show()

points=[20,30,60,20]

new\_point=p.walk(g,points)

print new\_point