<https://stackoverflow.com/questions/29586520/can-one-get-hierarchical-graphs-from-networkx-with-python-3>

import matplotlib.pyplot as plt

import networkx as nx

G=nx.Graph()

G.add\_edges\_from([(1,2), (1,3), (1,4),

(2,5), (2,6), (2,7),

(3,8), (3,9),

(4,10),

(5,11), (5,12),

(6,13)])

pos = hierarchy\_pos(G,1)

nx.draw(G, pos=pos, with\_labels=True)

plt.savefig('hierarchy.png')

