ARRAY COIN GAME 5 3 7 10 -> 15

- each turn, select either first or last number in row (you get that value).

- what's maximum if you go first?

8 15 3 7 -> 22

5 3 7 10 - Choose one

1=0

N-i - choose last first
for opponent

- choose lost, first

- when it's down to two, choose the bigger number

- previous level, choose greater of left/right branch

def choose (arr):

if len (arr) == 2:

return max (arr[o], arr[-1])

else:

return

max (arr[o] + choose(arr[1:]),

arr[-1] + choose (arr[:-1]))