def max\_sum\_no\_adjacent(array):

sum\_odd = 0

sum\_even = 0

for data in array[::2]:

sum\_odd += data

for data in array[1::2]:

sum\_even += data

return max(sum\_odd, sum\_even)

array = [5, 5, 10, 100, 10, 5]

max\_sum\_no\_adjacent(array)