(II) Com Change Problem # Find min. no. of coins to make change of guen amount using guen coins. (infinite supply of coins). Here, greedy algo does not provide optimal solution or sometimes solution doesn't exist. > not possible (5,5) - denominations. if com[i] > w copy value from abone. else min (atome, exclude +1)

Implementation

a[i][o]20.

for(i>0;i< coins. length;i+t){

for(j>0;j<w;j+t) {

 if(coins[i]>j) {

 a[i)[j] > a[i-1][j] }

 ehe a[i][j]2 min(a[i-i][j], a[i][j-coins[i]]+1)
}

Tune complexity > 0 (n * 12), amount.

no. of
coins