

$$\boxed{am=3} \rightarrow 2 + \textcircled{1}$$

$\textcircled{1} \quad \textcircled{2} \quad \textcircled{5}$

$[0] = \textcircled{}$

$[1] = \textcircled{1}$

$[2] = \textcircled{11} \quad \textcircled{2}$

$[3] = \textcircled{111} \quad \textcircled{12}$

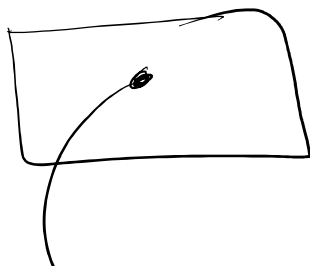
$[4] = \textcircled{1111} \quad \textcircled{112} \quad \textcircled{22}$

$[5] = \textcircled{11111} \quad \textcircled{1112} \quad \textcircled{122} \quad \textcircled{5}$

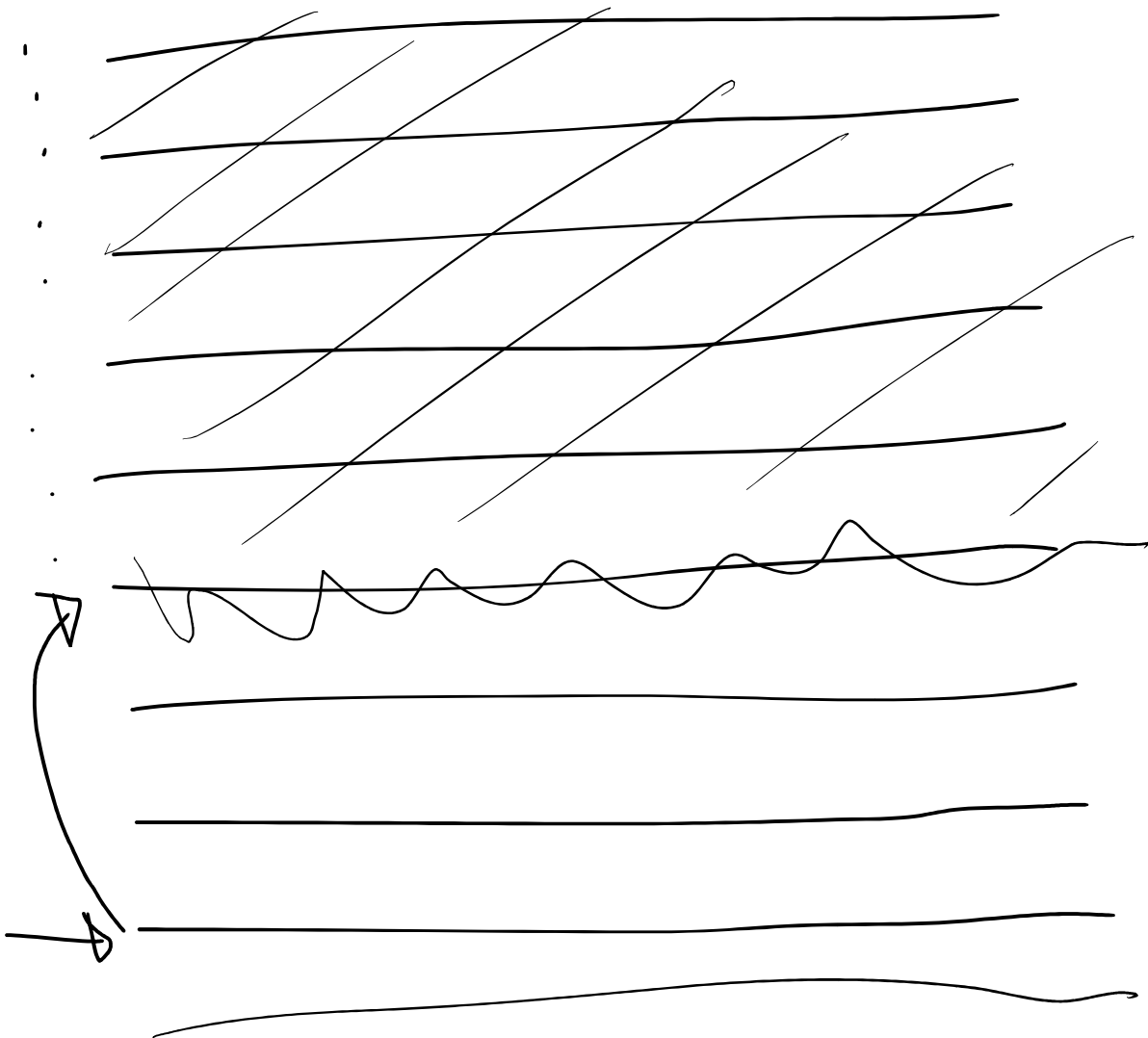
$$dp[10005] = \{0\};$$

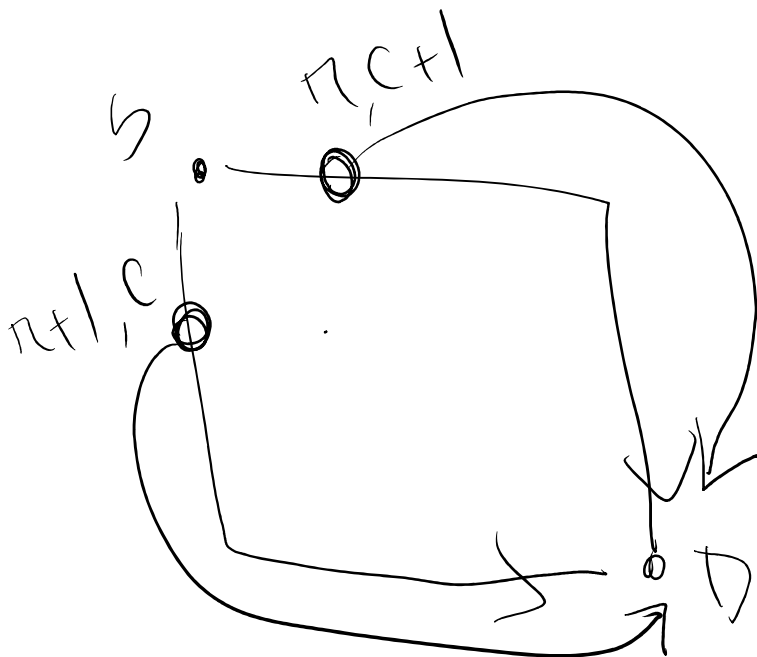
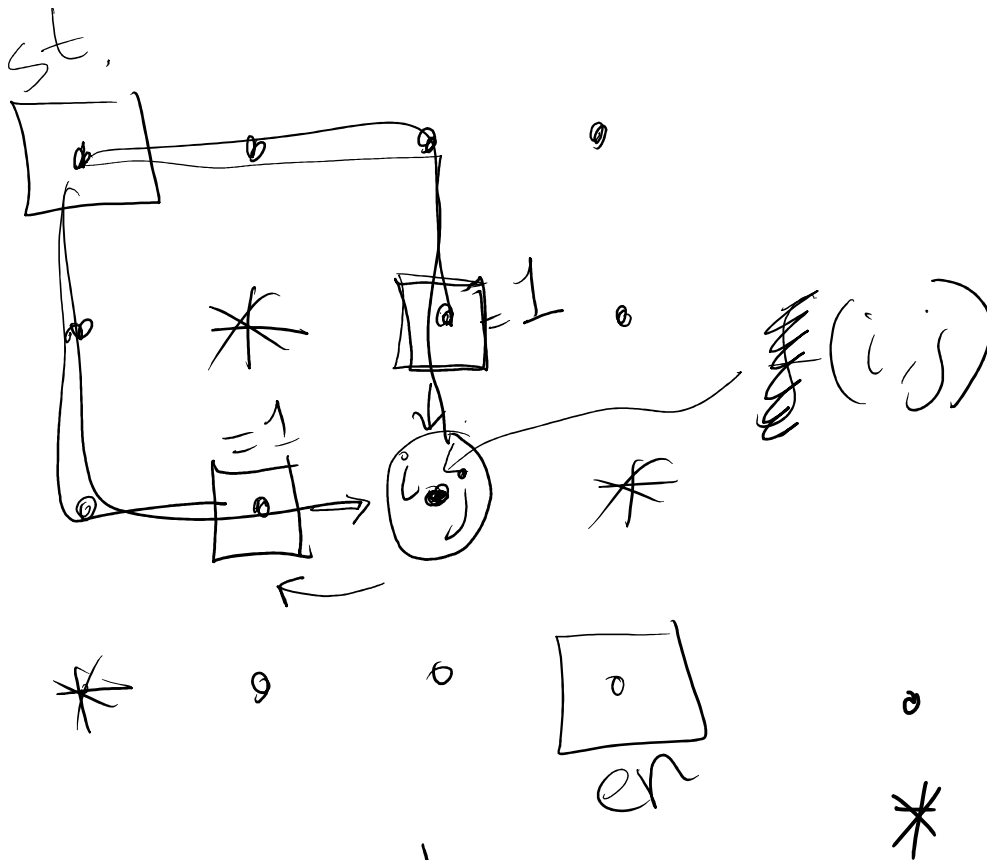
$$dp[0] = 1;$$

for($i=0$; $i < n$; $i++$)



→ for (int j = c[i]; j ≤ K; j++)
dp[j] += dp[j - c[i]]





~~CPI~~

$w \rightarrow 20 \quad 30 \quad 40$

$v \rightarrow 50 \quad 100 \quad 60$

W $dp[i] = i$

for ($i = 0$; $i \leq w$; $i++$)

{ for $w[i]$

$dp[i] = dp[i - w[i]]$

$\max(dp[i], + v[i])$