Dynamic Programming

i/p → N = 3 → {1, 2, 5}

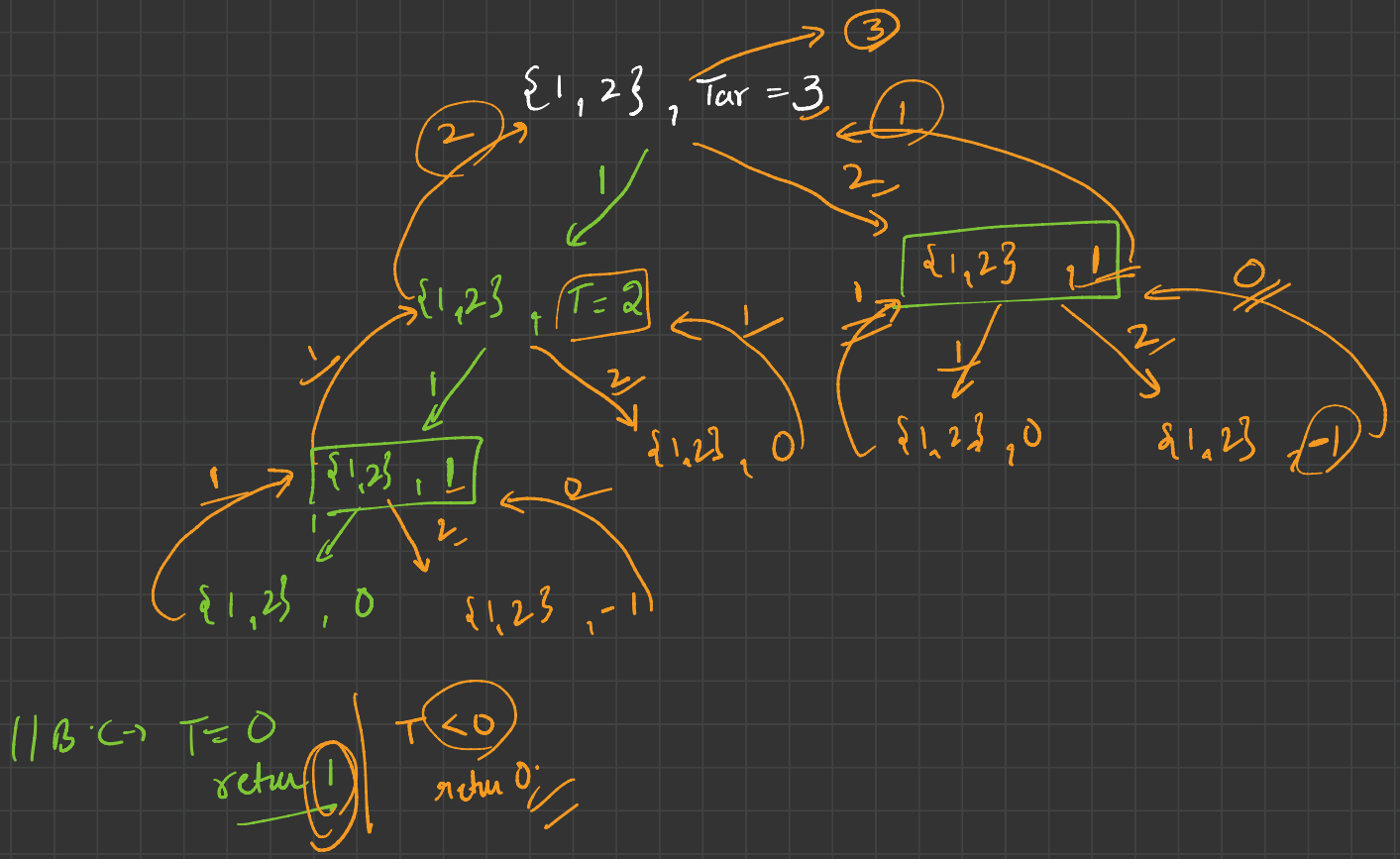
target = 5

{1, 1, 1, 1, 1}

{1, 1, 1, 2}

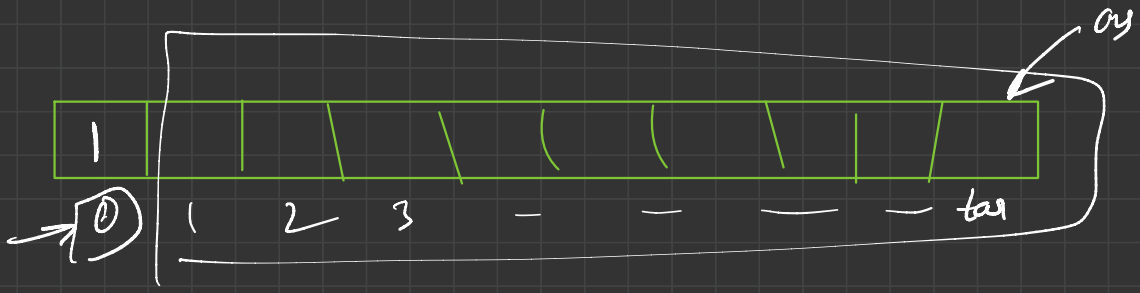
{1, 2, 2} {2, 1, 2} {2, 2, 1}

{5}



BC → T = 0 return 1

T < 0 return 0

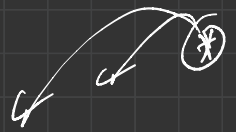


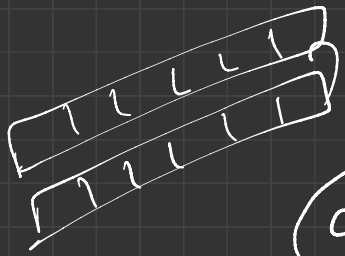
dp[n]

n → target

possible ways

s:0





dp[i] → dp[i - num[j]]

1D