



Dynamic Programming Class-7

Special class

→ Partition Equal Subset Sum → Subset sum

→ [1, 5, 11, 5]

→ Total Sum = 22

[1, 5, 5]

[11]

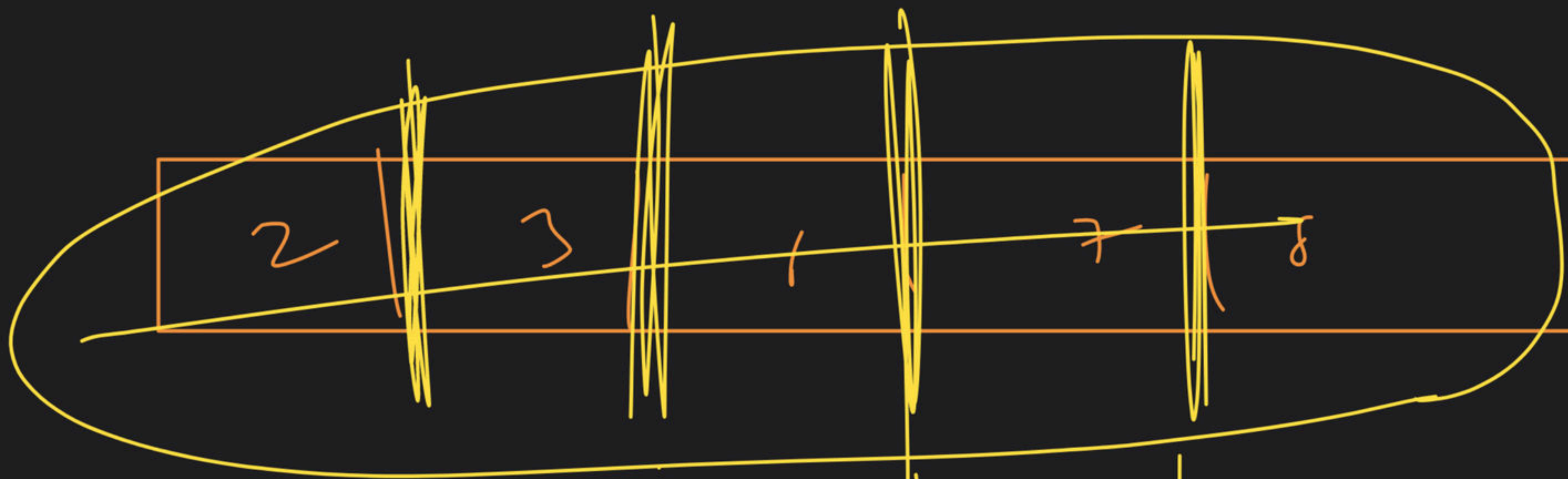
Even

Yes

~~22~~ = 11

[1, 5, 9, 11, 5]

(11)



{ 10, 20 | 30, 40 }

Below the numbers, there are wavy yellow lines that appear to be underlining or grouping the numbers. A vertical yellow line separates the first two numbers (10, 20) from the last two (30, 40). The entire set is enclosed in curly braces.

YLL



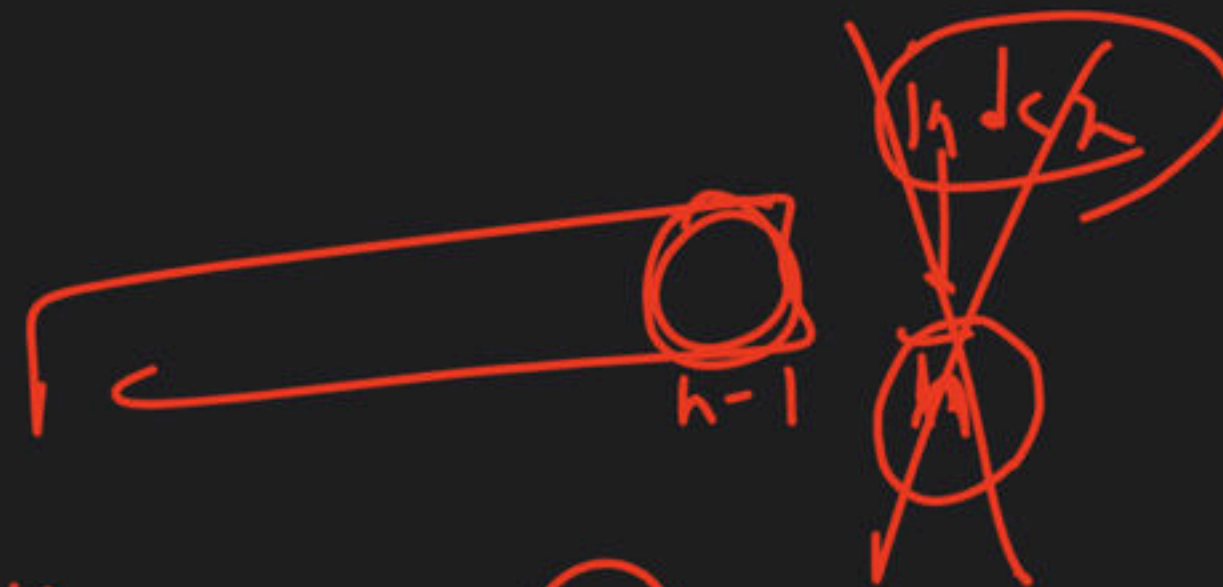
index $\rightarrow 0 \rightarrow n$

ind = n

n-1 ?

Lab

ind = n-1 \rightarrow



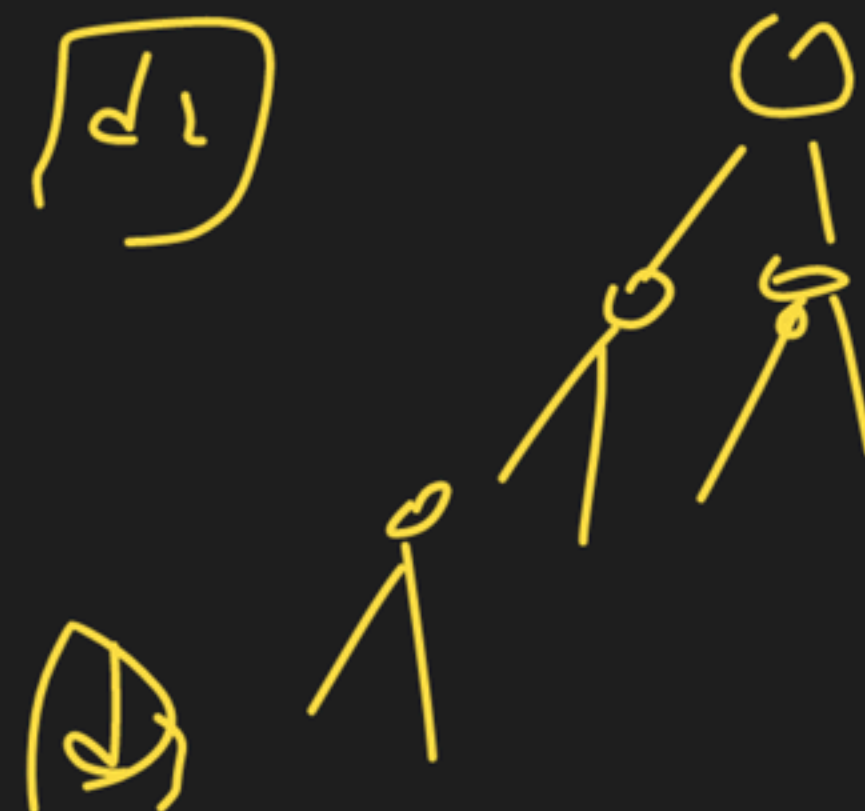
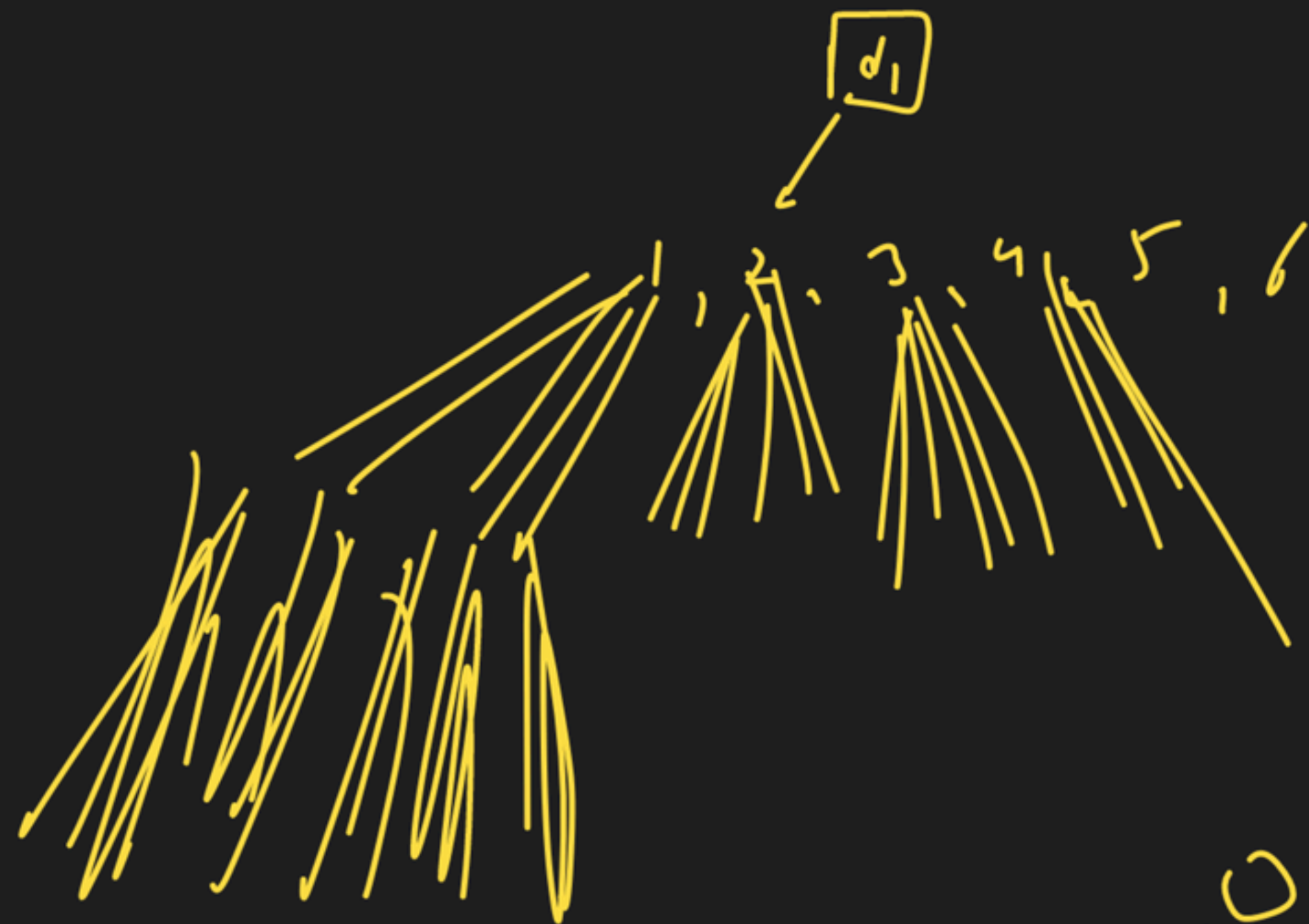
$\Rightarrow n = 2$, $K = 6$, target = 7



(7)

6 ans

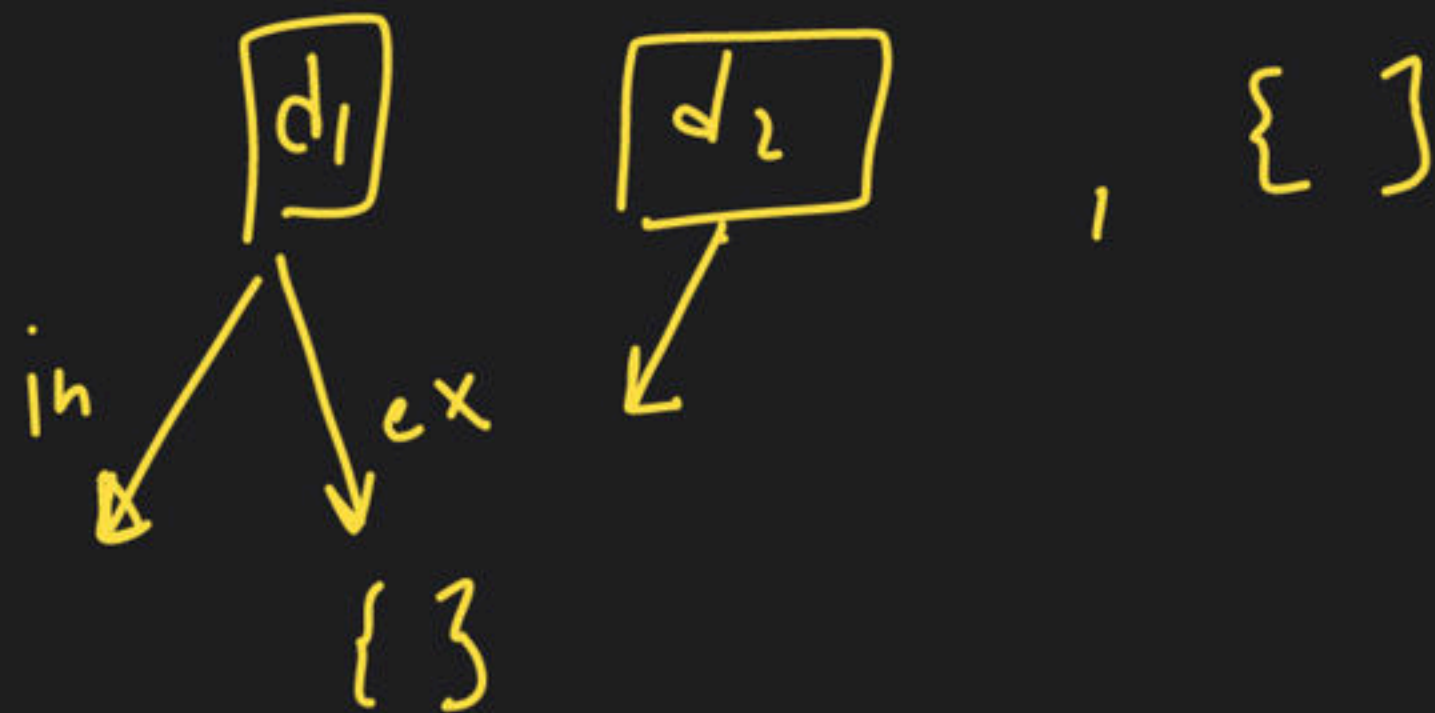






ind/exd

all possible
ways



{1}

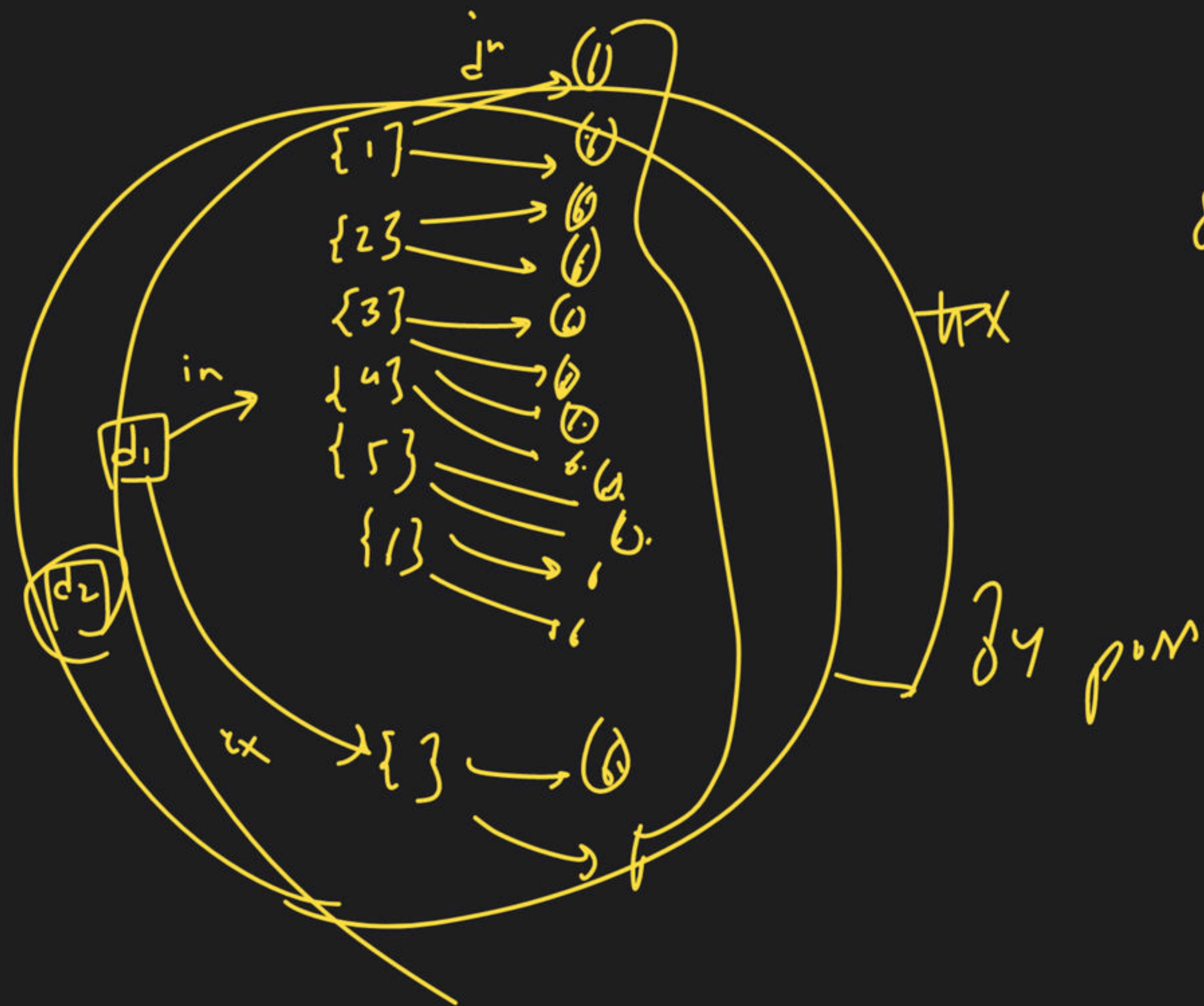
{2}

{3}

{4}

{5}

{1}



84



coin change

Explore all ways

for ()
{

ans +=

}



i/p {1, 3, 5}

10

//

explore all possible
ways to create target

//

return min no of coins
to create target

} min

