arr [i]>2 target

$$f(0,6) = \begin{cases} f(1,8) \\ f(1,6) \end{cases} = \begin{cases} f(2,8) \\ f(3,5) \\ f(3,5) \end{cases} = \begin{cases} f(3,6) \\ f(3,5) \\ f(3,5) \end{cases} = \begin{cases} f(3,6) \\ f(3,5) \\ f(3,5) \end{cases} = \begin{cases} f(3,6) \\ f(3,5) \\ f(3,5) \\ f(3,5) \\ f(3,5) \end{cases} = \begin{cases} f(3,6) \\ f(3,5) \\ f(3,5)$$

```
Reunsin Relation:
```

; o []

box

if (1==0){

f (aro [a] & danget == 0) return tanget/arr[0]; else beturn le1;

hot pick z fin (1-1, target);

pick : Ule 9;

if (arrli) > = fanget) pick = 1+ fun (is, target - arrli]) This is

veturn min (pick, not pick);

T-C: >>> D(2N) Exponential

S.C.: B(N) - Auxillary Cpace

a (i) to yer

different nurmal sub (Equente as we have given inknik value.

Membrizatin:

Ne have 2 changing variable we use dp [n] [K] L Tarpet

Just add

1+(dp[i][K]=-1) -serum dp[i][K];

recursion relation

return & [i][k]z minlpick, notpick);

T-(-: 0(N×T)

S.L.: DLN*t) + DLN)
auxillary: pace

Tabulation:

So what is the base case of recurring if (arr [0]. Litaryt) = target/a[0];

means for every target arr [0]

if it divisible

Base Casel

for
$$(T-Q; T\leftarrow turget; T+t)$$

if $(T : a[0] = z = 0)$

$$dp[Q][T] = taT/a[O];$$

else $dp[Q][T] = 1eq;$

Nested hop

dp[i][i]z min [pick, notpick),

SpaceOpthnise this,

Prev,

wir