1043. Partition Array for maximum Sym

explain tion

$$\frac{2007 - [1,15]}{15} = \frac{1}{15} = \frac{1}{15}$$

soin we try all possibility to place the partition

Imp Recursion: i< min (n, i+k) ; j++ (j=1) cony we correte this can be that most (+,95,7,9,2,5,10) T.C.= exponential/factorid Solve (i, any) -> This will return the largest sym of the given avigy exten partition [1,15,[7,9,2,5,10], K=3 solve (2/000) -) from 2nd index to m the largered sun after pertina this of will return memoi zation dp -> 1D agora y dp[i] = 80/4 (i, a)

Botton - UP 10p - Down start 11 x =0 & 80 till (n-1) m BOHOM-UP stand idp=n-1 & go till 0 S(-= O(N)) Space Optimization we can optimize space from O(N) to d(e) Use SP[K+1] = initially 'all values = 0. dP[i']. K] = max (dP[i] (maxVal * (j-i+)) + dp[(i++)% K])); I this will give you wrong and biz. 61.2=0 & 801.2=0 for two different values of can gives some answer.

approch In top-Down dp[i] = max (dp[i), (maxVal * (j-i+s) +
dp[i]) These both are different but in moder. while stace optimization turse can be same at some - So we use an ans Narish