$$(i,j) \Rightarrow \text{ numb}$$

$$ij (i+i==j)$$

$$man (num) (i, num) (j)$$

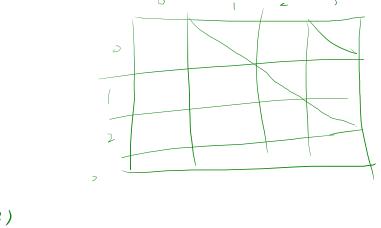
$$(i==j)$$

$$uutio m (num) (i)$$

$$(2,3)$$

$$3$$

$$\{4, 5, 1, 3\}$$
 $\text{nums(i)} + \text{min} \{\text{fum(i+2,j)}, \text{fun } (i, j-2)\}$
 $\text{nums(j)} + \text{min} \{\text{fum(i+1,j-1)}, \text{fun } (i, j-2)\}$



				ď	9,5,	<pre>public static int solve_memo(int[] arr, int i, int j, int[][] dp){ if(i+1 == j){ return dp[i][j] = Math.max(arr[i],arr[j]); }</pre>
8	<u>0</u>	1	10	3	10	<pre>if(i==j){{ return dp[i][j] = arr[i]; } if(dp[i][j]!=0) return dp[i][j];</pre>
ı		5	~	6		<pre>int ans = 0; int takeFirst = arr[i] + Math.min(solve_memo(arr,i+2,j,dp),solve_memo(arr,i+1,j-1,dp)); int takeLast = arr[j] + Math.min(solve_memo(arr,i+1,j-1,dp),solve_memo(arr, i, j-2,dp));</pre>
2			6		E	<pre>ans = Math.max(takeFirst, takeLast); return dp[i][j] = ans; }</pre>
3 - 4				1	3	
4, 5 3,3 2,2	١] , Y , I , 3		l	t#= {l=3	$\begin{array}{c c} & & & & & & & & & & & & & & & & & & &$

|=)²

n= 4

h = 3

 $f(3) = \frac{k \times k^{-1}}{\sqrt{k^2 - k}} \times k$ 3 (3) k = 3 $k \times (k-1) + k^2 (k-1)$ r (3) 96,4 3 ru b $=) \left(k^2 + k \right) * \left(k - 1 \right)$ w 9 bb # f(2) f(1) 3 f(1) + f(2)} (k-1) 9493 $\int (1) = 3$ +(3)=03 $f(3) \Rightarrow \frac{(k-1)(k+k^2)}{(k-1)(k+k^2)}$ 3 - 18 - 18 x2 - 18 x2 649

[[50,45,20],[95,37,53],[45,23,12]]

