

6)

_								
-	[2,5,7,11] \r-g+h-5							
		•	2	5			→4 elements	
-				2	3	7		
-		50	0	0	0	0	n & elements	
			.2	2	2	2	~ n	
1		2	4	5	5	5	array	
	5	}	.6	7	7	7	5.4=20 ms	
		4	1.8	(0	10	11		
		2	lo.	12	12	13		
	(4,1) (4,1) coming it (1,2)							
	max profit From deft Arijii] = max (Ariji)							
	(1-1) (1) A + (1) P							
	(ndex. 4,1 else							
-	4[][:] -A[j-i][i]							
1	estimated gress (ost: 11,2							
	$O(n.L)$ [$\sum_{cost} = answer$]							
		answer = 13						
-								

.

2) Pseudocode : nt Price[] = [x, x2, x3, x4, X-] intlength = 5 1176 recorsive call function check (int price[] int n) { stores maximum profit from rod: A[~+1] for loop; to n max profit to 0 (econside chede (P, n-i) take max of last cell and Current cell

3) $T(-1) = T(-1) + T(-2) + T(-3) + \cdots + T(1) + 1$ T(2) = T(1) + 1 = 2 T(3)= T(2)+T(1)+1=2+1+1 T(n)=n=1+ n-2 1... n(n+1) - - T(n-1)+n 6 = 0 T(x) = T(x-1) + T(x-1) + T(x-1). The same coefficient

