

sayfa:1

1. Sory a) Dogradur, Big O ist sinici belirtir, f(1) & c.o(1). 3" her souon 2n'den daha hizh bijyir. b) Dander of alt since beliefic f(n) c.g(n). nlagn = unloon. 4n logn > nlopn oldubu igin bu iface doorwork. c) Yanlıştır, @ hem alt hem ist sinir, belirtir, c, g(n) < f(n) < c, g(n) Ve lim n²+n durunda payda daha hi≥h büyür bu yüaden youlistic d) youlistic. Alt sinici no le just sinici no alvalidir. Ve 0.000000119 +--- durumund pay daha hieli büyür. 2.sou 21253080 -> 1 = 9 olur. T(n)=37(n+1) ,T(1)=4 T(2) = 3T(1) = 3.4 = 12T(3) = 3T(2) = 3.3 4-36 3 x3 T(4) = 3T(3) = 3.334 + 108 $T(n) = 3T(n-1) = 3.3 T(n-2) = 3.3.3 T(n-3) = ... = 3^{n-1}T(1)$ T(n) = 39-1.4 / 39-14 @ @(37-1)

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Committee and admittage against engineering and admitted the monitor should find the state of th	sayfa:2	
3. Soru		T
	n = uauniuk Kova	1
	solbosKova=O	+
		1
	sopdalu Kova = n	+
	i = 1	-
	J=0	T
	hile is	-
	if kova [i] = "doly" And kova [j] = "bos" then	-
	Kova[i], Kova[j]= Kova[j], Kova[i] // tovalo yer	de
	Solboskova= solboskova +1	
	sagddu Kova = Sagdolu Kova - L	
	i=i+1	
	5 = 5-1	
	else if roval[]=605"	
	solboskova = solboskova +1	
	ĵ = ĵ+1	
e	Ise if kovacj = 'dolu'	
	sapably Kova = sapably Kova-1	-
		-
	else	_
L e	nd while	4
		-
		1
		-

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Sow 4.	
<u>01253080</u> → <u>10</u>	
9-6	(5)
	3
2=20man	
31: 10 etlesir stock[10]	313; 7 etlenir. Stock [10,3,5,4,1,9,6,2,8,7]
22: 3, 4 exterior. stack [10, 3,4] 23: 4 airmortilior. stack [10, 3]	
24: 5, 8 etlerir. slock(10,3,5,8)	
25: 8 cikotilir, stack [10,3:5] 26: 4 eklenir. stack [10,3:5]	
27: 1,2 etlesir. 5[10,35,4,1,2	
28: 2 G.Kartilia SC10, 3, 5, 4,	
29: 3 eklenir. SC10,3,5,4,1,3	
2,0: 6 eklenir. 5[10,3,5,4,1,3 2,1: 2 eklenir. 5[10,3,5,4,1,5	
2,2; 8 etlesir 5 (10,3,5,4,1,9	0,6, 2,83