$$QUIZ2: \frac{1}{2}n^{2}+3n=\Theta(n^{2}) - 99521289$$

$$P(n): \Theta(g(n)) = 0 C_{1}g(n) \langle f(n) \rangle \langle f(n) \rangle$$

void snm-first-n(intn) {	times	من دورت که از	quiz3
int i, $= \frac{1}{2} 1$	n+1=n+1	99521253 99521289	הלקם הלקםיים באכיים
$\frac{1}{3}$ $T(n)_{5} C_{1} \times 1 + C_{2} \times 1 + C_{3} (n+1) + C_{4} (n+0) = C_{1} + C_{2} + C_{3}$	$\frac{n+0=n}{-}$ $+nC_{3}+nC_{4}=a+bn$	worst aux or	average Case

in broary sound (int all, int	n, int val	) {	215 Caronia
int 1 = 1;	Cost	time	99521253
int m;	C <sub>2</sub>		50-212 80
while (r>=1) s	C <sub>2</sub>	1 < L < bg 2 + 1	99521289
m = (1+r)/2;	3 C4	15 L 6 lag 2	T(n)= C+C+C2+L(C3+
if (a[m] ==val)	C <sub>5</sub>	1 \ L \ logn	C4+C5+C4+C9)+ t
return m;	<sup>C</sup> ,6	011 ??	
if (a[m] >val) return m-1;	C <sub>7</sub>	1 & L & bg 2	Bestaise = L=1 ->T(n) = C+ C, + C+ C + C+
else	C <sub>8</sub>		?? wortase: Ls 602
1=m+1;}	<i>C</i> <sub>9</sub>	( ) ( )	=0T(n)5 (+lay 2 (3+4+6+6+)
return -1;	C10	3,3,	+9+2+
QUIZ4	CII	0 5 1	