if loss . . . )

colla orall

orange Time: while dangirunden Gilmak iain kullnuln flag.

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best case in ortoloness

your nota 2 de colvier.

korce na denebilir.

3)

a)

() +2.2° + 3.2 + 4.2 +8.27+ + (nf1).2<sup>n-1</sup> (n (n+1).2<sup>n-1</sup>) 
$$\Theta(n.2^n)$$

d) 
$$for(in+i=0; i < n-1; ++i)$$
 $for(in+j=0; j < i-1; ++i)$ 
 $for(in+j=0;$ 

4) is for dongiro, distoline bojl. Oldige ich berober disinchnell, usa dangana boslongia dejer noldeje siam re id dongs har seferade L' orande date au d'ordije iain ; dis diagradeti ion item tod blogmen n, \frac{1}{2}, \f anlismo engisi, sirriglo ; Sourcedo m, in dangéthin iterosyon seyill ≥ n(±1' = O(n) a) n 2 E O (321) 1:m - 1. =) 2n2 - +5/01 aldite pry const olocak, pryde n/1;  $=\frac{\cos x}{\cos x}=0$ 5) n e o (109109n) c=0  $\lim_{n \to \infty} \frac{n}{\log \log n} = \sum_{n \to \infty} \frac{1}{n \cdot \log n (\ln 2)^2}$ C)  $n^2 \log^2 n \in O(n)$  n! years  $\frac{1+irling}{2 \text{show}} \frac{\text{Oyster}}{\text{Inn} + 1}$   $\frac{1}{10}$   $\frac{1$  $= \frac{\cosh}{\sqrt{1! \, d\eta^{\vee}}} = ) \frac{\cosh}{\sqrt{2}} = 0$ d) √10n2+7n+3 € O(n)  $\lim_{n\to\infty} \left( \left( \sqrt{lon^2 + 2n+2} \right)^2 \right)^2 = 20n+7 = \frac{20}{2} = 10$