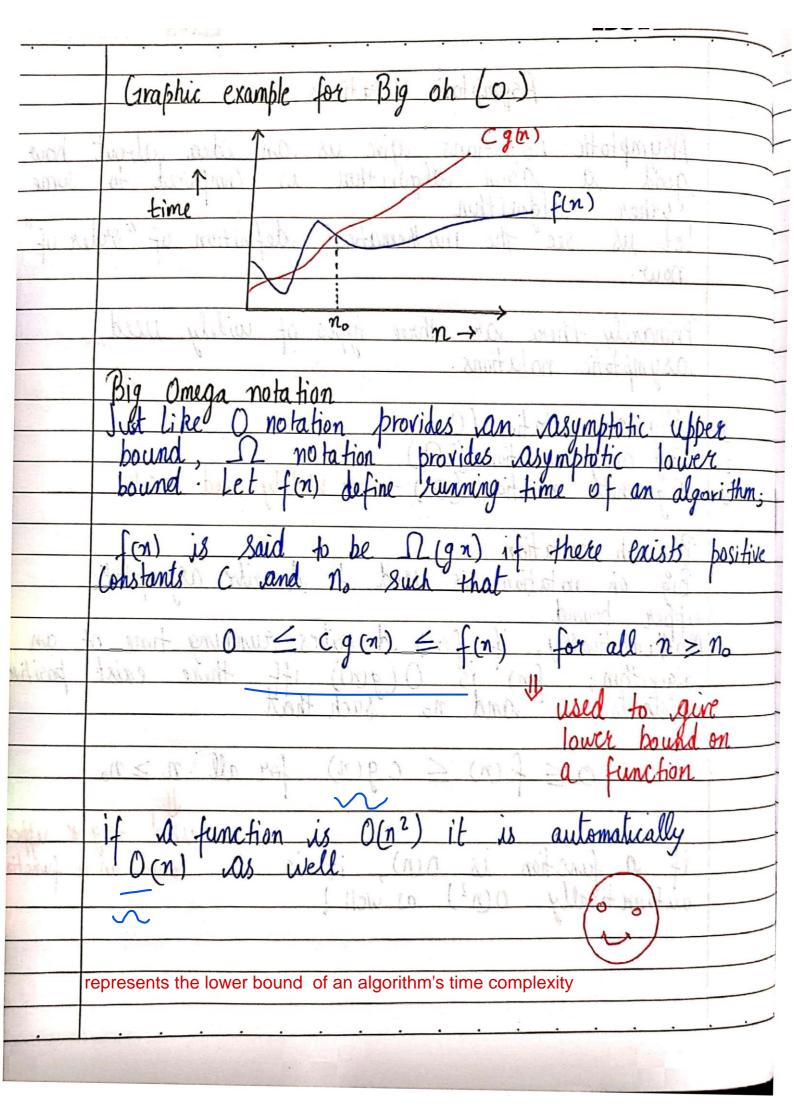
Asymptotic Notations advises and one	
Asymptotic notations give us an idea about he good a given algorithm is compared to so other algorithm Let us see the mathematical definition of "order or now.	ow me of
Primarily there are three types of widely used asymptotic notations.	
1, Big Oh notation (O) 2, Big Omega notation (D) 3, Big theta notation (O) Widely used one!	
Big oh notation is used to describe asymptotic	
	un si live
$0 \le f(n) \le cg(n) \text{ for all } n \ge n_0$	whoer
if a function is $O(n)$, it is bound on a function tically $O(n^2)$ as well!	unchin.
represents the upper bound of an algorithm's time complexity	



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Theta notation represents both the upper and lower bounds, providing a tight bound on an algorithm's time complexity

