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Date
Page Assignment Asymptotic Notation is used to describe the ourning time of an algorithm. how much time an algorithm takes with a give input, n. There are twee different notations: big o, big thata (0), and big Omaga(2) g(n) is "tight" upper bound.

iff $J(n) \leq C \cdot g(n)$ Some constant, (>0

Omega g(n) is "tight" lower bound

y(n) = D(g(n))

y(n) > C.g(n) + n/ho and some constant, gen) is both "tigut" cepper

"tight" clower bound of y

if Icn) = O(gen) Cr.gan) & Jan) & Cz.gan)













