notation	definition
$f(t) = O(g(t))$	for some $C > 0$, eventually $f(t) \leq Cg(t)$
$f(t) = o(g(t))$	for *any* $C > 0$, eventually $f(t) \leq Cg(t)$
$f(t) = \Theta(g(t))$	for some $C_1, C_2 > 0$, eventually $C_1 g(t) \leq f(t) \leq C_2 g(t)$
$f(t) = \omega(g(t))$	for *any* $C > 0$, eventually $f(t) \geq Cg(t)$