	Apricei Analysis (xamples or Assignment 2
	0 f(n)= n-10, g(n)= n+10; f(n)= O(g(n))?
	For O, it should scotistry (O) & (D).
	Big O Omega
	$t(n) \le c - g(n)$ $t(n) \ge c - g(n)$ $n - 10 \le I - (n + 10)$ $n - 10 \ge c - (n + 10)$
	True (c=1) for c=2; True
	So fin) = O (gcn1) is TRUE.
2	f(n)=n, g(n)=n; f(n)=6(g(n))?
	TRUE on No exploners needed.
1-1	Fox C=1; (f'11 satistry both O & s
3 1	$69 \cdot 32 = 000$
	f(n) = 64 $(32)$ $(32)$ $(32)$ $(32)$ $(32)$
	$= \eta \log_2 2^{\circ}$ $17$
	= n FALSE

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(3) 
$$4^n = 0$$
 (2<sup>n</sup>)

 $2^n = 0$  (2<sup>n</sup>)

 $4^n = 0$  (3<sup>n</sup>)

 $4^n = 0$  (3<sup>n</sup>)

=) TRUE FOR

6

well.