reflexive: check if (x, x) is in R. transitivity: for all (a,b), (b, L) in R, check if (a,c) in anti-symmetric: $\forall x R \gamma \Lambda x x \gamma$., $\neg \exists y R x$. partial order: one of the element satisfy all these properties.			
		local: all	
		a) largest $\forall x \in A$, $x \in A$	۹.
		max?mum: & R, ER that	
minmun	nRb.		
smallest. YNEA, arm	X •		