1.	(2 points)	Let F be a field ϵ	and K an ex	tension of F .	. State what	t it means for	K to be finite	ly generated
2.	(3 points) to be algebra	Let K be a field. braically closed.	Define the	algebraic cl	osure of K ,	denoted \overline{K} .	State what it	means for K