The market for Lemon	
Scq) = $E[v(q'), q' \leq q] - C(q)$ $q \in [0,1] = \text{quality of used cor}$ C(q) and v(q) are increasing in q	
assume $v(q) > c(q)$ for all $q > 0$	
optimall: all the used care are sold.	
get: in a perfectly competitive equibibrium, we c	cun not
get porato optimal (Second best: O Surplus < (ast class)	v(q) willing to
Proposition: In a perfectly CE, q is an equilibrium iff $S(q)=0$ ($q<1$) $S(q)>0$ ($q=1$)	quartity
Condision) gurantee 9 get full efficiency => q=1.?	
2 never get full efficiency	
	9=1 X=) EQ
Proposition: The market for the lamen necessarily exhibit	
if $C(1) > E[V(1)]$	7 0
Proposition: The market for the lemen necessarily exhibit if $((1) > E[v(1)]$ worst > The market for lemon shut down completely $c(q) > E[v(q') p' \le q 7 \forall \ q \in (0,17)$	if
$C(Q) = E[V(Q^2) \mid W^2 \leq Q^2] \forall \ Q \in (0,1]$	J

can shut down lead to? contituen [E[v(q))q'=q]

Ccq) => Death Sprial (market unravel, high quality are taken out) => adverse selection bad quality drives out good quality Tx: interdependent value => can even occur even the quality is observable machanism alleviate the inefficiency. O warrenties can seperate manufactory
informed party (signal quality) => costly imperfect solutions => moral hazard.

Signal empetition in warrenty excessive warrentees O reputation for quality B) screening jurinformally party tries to screen of option deductibles premierine. self-select combination recognize differences in taste

Ex. Health Care.						
plan OM (moderate)	tuo	types of	1	Low	mick	1/2
DG (generous)		hividuals	Н	High	rick	h
Can not observe type of	individuals	know presen	t.	Jugal		
for insurance company. Cost	G	Valuation	receivi t	M	G	
2 40	60	7		70	85	
J		Н			150	
2 Competive						