Statistics Assignment

Q(3): A car believes that the percentage of citizens in city ABC that owns a vehicle is 60% or less. A sales manager disagrees with this. He conducted a hypothesis testing surveying 250 residents & found that 170 residents responded yes to owning a vehicle.

a) **State the null & alternate hypothesis.**
b) **At a 10% significance level, is there enough evidence to support the idea that vehicle owner in ABC city is 60% or less.**

Solution: