esidents in city ABC that owns a vechile is 60% or less. A sale manager disagree with this. He conducts a hypothe Question dis agree testing surving 250 nesidents and that 170 responded yes to owing a) State the Mo & M,
b) At 10% Significance level, is there enough evidence to support the idea, that week vehicles ownership in city ABC is 60%.

Or less? > DHo => P < 60% = 0.6 H, => Po >60%. 1.29 Z= P-Po = 0.68-0.6 = 0.1 10.0 $p = \frac{170 \pm 0.68}{250}$ $\frac{p_0 p_0}{n}$ 0.08 = 2.58 0 0 0 0 9 8

B) 2.58>1.29 We Reject the null Hypothesis Which means City ABC ocons more than
60% of car with 90%.
Confidence intr P-Value | X = 0. | | 0.99506 p-value = 1 - 0.99506= 0.004942.58 p-value < X . Reject the null hypothesis