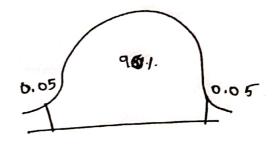
assignment-2 [10th July] [name: Derroj. sabnis.

- of residents in city ABC. that owns a vehicle is 60.1 or less. A soles manager of agrees with this. He conducts a hypothesis testing surveying 250 residents and found that 170 respended yes to owning a vehicle.
  - (a) state the not a Alternate hypothesis.
  - (b) At 10-1. significance level is there enough evidence to support the iclea that versible ownership in AB( is 60-1. or 1855.

H 100

(i) NUII hypothesis



By referoing 2 table we get.

25core = 1.85

a part that I plan her? I it incompleted TT= 30 0.05 +1.65 -1.65 THERE SONK DOOK Formula for 2 test  $= \frac{\hat{p} - p_0}{\sqrt{\frac{p_0 \times q_0}{n}}} = \frac{1}{0.68 - 0.6}$  $\frac{1}{\sqrt{\frac{0.24}{250}}} = \frac{0.08}{0.03} = 2.6$ hence the Mois hypothesis reflected. 2.68 71.65 swift must end of 5 - 44 - 2 4 MB 

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