Assignment 10.1 dample dize n = 8 Sample mean \$ = (60 +62 + 67 +69 + 70 +72 + 75 +72) \$ = 69.125claim is do # X R = 0.05 = tx = +2.37. with degree freedom= m1=7 Sample Landard deviations - [3 (c; -8)2 - 6,104 60-69-125) P(62-69-725) - 5(67-89-725) Test statutio += (x - 210) - (69.125 - 65) = 4.125. J= 1.78 5/Vn-1 6.104/17 6.104 Here About Hypothesis to: 45 x Mo-1x Alternate byjother A: Hot & llo= X dince t within to = ± 2.37 we accept the Desample Size n. = 1,5 level of Lignificance of = 0.00 degree of freedom = (4,0.01) @ dample dren, &n, = 5 degree of freedom = $n_1 + n_2 - 2$ 10S = 2 - 0.05 . $\frac{1}{8} = 2.31$ $\frac{1}{8} = \frac{1}{8} =$ 93.4-91 93.4. (31.8) +91(113.75) = 6.000517 Here to = \$\frac{1}{2} \sum_{\text{X}} \frac{1}{2} \sum_{\text{X}} \frac{1}{2} \sum_{\text{X}} \frac{1}{2} \sum_{\text{X}} \frac{1}{2} \fr

HI= 82< XI

wer suject Ho haccept A