STAT 3693, ASSIGNMENT#7

Q4: Ex 42 b, c pg 517

b) d= 167.21

Sd = 228,21

+= d-167.21-4 = 2.74 Sa/Jn 228.21/J14

tail area = 4.9916

for 2 tested + test (Ha = Mo + Da)

P= 2(1-falaren) = 4.0168

the P volve indicates the null hypothesis could be rejected at 2=4,05 but nut at x=4,05

c) horrest netrod

 $f = d - \Delta o = 167.21 - c$ $\int \frac{5.2}{m} \frac{5.2}{n} \int \frac{351.97^{2}}{14} \frac{234.402^{2}}{14}$

P= 2(1- telcrea) = 4.163

If the prorrelire was used incorrectly we'd fail to regest null hypotesis who may be