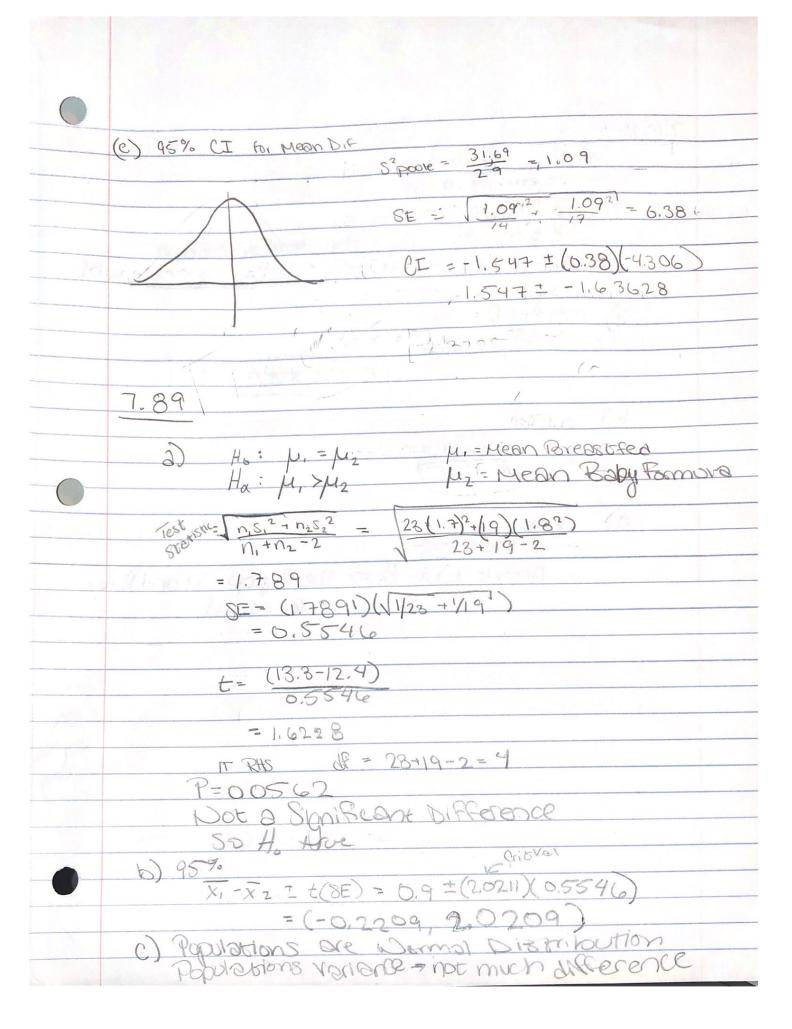
	Julia Nelson	Homework	54	10/12/19			
	"I pleage my nonor that I have abided						
	"I Pleage my no nor that I have a bided by the Stevens Hunar System" Julia Welson						
	100000000000000000000000000000000000000						
	Problem 7.71						
	Sadness + spending						
	31 young adults given \$10 randomly assigned Sad or Neutral group						
	- randomly assigned Sad or Neutral group						
	Sad group waternes sad video						
	Ventral watches Earth Video						
	All offered to trade \$0.50 inc for insulated						
	Croup	Purchase	Prices (8)	DOLLIE			
	Veutral	0.00 2.00 0	0,00 1.00 0.5	0.00 0.50			
		2.00 1.00 (0.00 0.00 00	00.00 1.00			
0	SAD	3.00 4.00 0	.50 1.00 2.5	0 2.00 1.50 0.00 1.00			
	(-)	1.50 1.50 2	,50 4.00 3.0	00 3.50 1.00 3.50			
	(3)						
	Veutral Graph - Dormal Dist						
- 81	SAD Graph - Normal Dist						
	Because both Neutral and Sad group graphs						
de la constantina	Show Mormal Dispupping, 80 1F12						
			use E-pi	locedures for			
		dete.					
	(b)						
	Group	SampleSize	Mean	Stand, Dev.			
	Neutral	14	0.57100	0,730			
	Sad	17	2.118	1.244			
	Neutral: Sab:						
	$\overline{X} = \frac{0.02441}{17} = \frac{8}{17} \approx 0.571$ $\overline{X} = \frac{3.6}{17} \approx 2.118$						
	1 / 1/2						
	$n-1$ $=(\frac{1}{17-1})(101-\frac{1296}{17})$						
	= 6,928571 20	.533		(24.76470588) 47794118 S=(1.547.=1.24			
	8= 1.547794118 8=1.547						

	vo verende moutable (
	(c) Will Hypothesis Ho: There 15 NOT 2 Sig Difference
	mean Drice of Durchasiring the Doche
	Ho: Mownel = Mad
	Alternative Hypothesis Ha: There is a sig difference
	Alternative Hypothesis Ha: There is a sig difference between the mean price of purchases
	of the Newcrat and saw group
	Sad > Netr = Ha: Meurici Mesad
12-2-4	
347.0	(6)
	Neutral Sad $n=14$ $\alpha=0.05$ $n=17$
	$n = 14$ $\alpha = 0.05$ $n = 1+$
	$\overline{X}_1 = 0.571$ $\overline{X}_2 = 2.118$ $\overline{X}_3 = 0.730$ $\overline{X}_4 = 2.118$ $\overline{X}_5 = 1.244$
	S ₁ = 0.730
	Smell Sample Size
	Smell Sample Size $t - test - vnder H_6: t = \frac{\overline{x_1} - \overline{x_2}}{\sqrt{n_1} - n_2} = 0.571 - 2.118$ $(0.736)^2 (1.244)^2$
	$ \sqrt{n}, \overline{n}_{1} = (0.436) = (1.247) $
	degree heedom= -1.547
	df = min (14-1,17-1) \ \(0.0380642857 - 0.09103152
	= -1.547 2-4.3056
	2P(t > -4.3056) $t = -4.306$
	$=1-2P(t \leq 4.3056)$
	P-volue < 0.0005
	4 1 3 1 1 1 6 1 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1
	PLX
	0 < 0.05 -> Null Rejected
	Thomas a Significante difference between
	between the Neutral and Sad means.
	Sod Mentral
	000 2000101



7.102		
	$n_1=11$ $n_2=16$	
	S, 2= 3.5 S2= 9.1	
	a=0.05	
	Ho: 0, = 02 the 2 pap. Standler are equal Ho: 0, 702 the 2 pap stand Ders are not equ	5
3	Ho: 0. 702 therepop stand Days are not eq	
9)	52 91 = 7 (-	
	$F = \frac{8^2}{5^2} = \frac{9.1}{3.5} = 2.6$ F test stat = 2.6	
	F test 886 - 2. 6	
, ,		
10) crit val	
	F(16-1,11-1),0.05	
	[= 2.85]	
0)	The French Control of	
	2.642.85	
	Accept Will Ho => the 2 pap Stand. D.	01
	supe tout the safe cans!	ev
	are equel	
	A COLOR OF THE PROPERTY OF THE PARTY OF THE	

