Enting Partner > 1.96 & Reject the Null Hyppotheria

		-		
	Subject		MON TUE WED THR FRU	SAT SUN
	seagout			*
	Λ.			>10-98
	Nas,		1	
	p-vale	le .		
			. 4/2	
		The Walls of	0.01044	2
	The state of the s	The state of the s	to to	\$ 01044
			-231	+ 2.3)
	p-value - c	N 12 1 1 1		
		0.01044+0	.0144	
		5.02088/1		
		<u> </u>		
0	6:20	(d)		1
0 0	0.7080 < 0	0.05 & Re	ject the NVII	Hypothesis
				5
	- X-	X	×	
0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
, OX	1 Company	manufacture	6: ke betteries	with an
1	overage LA	e span of 2	en or more	year.
	An Engineer	believe thi	value to be 16	M Ming
Total Control	10 samples, 1	a measures	ne average 1:	se span to be
	1.8 years	sith a Stando	en or more pulled to be le	21.0
a	State The NUIL  At a 99% CI	& Alternato	Hypotheris?	
6	At a 99 0 CI	, is Rese en	ough existers t	The Ho?
	/6		y) vicence	o discord
	Step 1		Gives	
	0.7-1		n=10,	C = 0
	$H_0 \ge 2$		112109	,
	17 0/2		CI=990/	
	111		/2	
	(CLPA)			
	3100			
	C.I = 0.99	n 01		
	your writing partner 1 =	0.01		
			Coopped with C	Sam Cooppor
			Scanned with C	amocanner

	Subject	MON TU	E WED THR FRI SAT SUN
	Sty3		
		0.01 -2.821	
	Calculate The T-test Statis		Freedom > n-1 = 10-1 = 9 H
	t = 12 x-l1 3/vn	$= 1.8 - 2$ $= 6.15/\sqrt{10}$	4·216/
Cohol	Steps -4-216 - 2.87		To Null Hypothon
	The average life of 1	le battery is	less than Zyeen
	X	X	X
			- 1949 B
			M3 C
			( 1
	your writing partner	Scann	ed with CamScanner

Step 4] Decision Doundary:

Z test with proportion

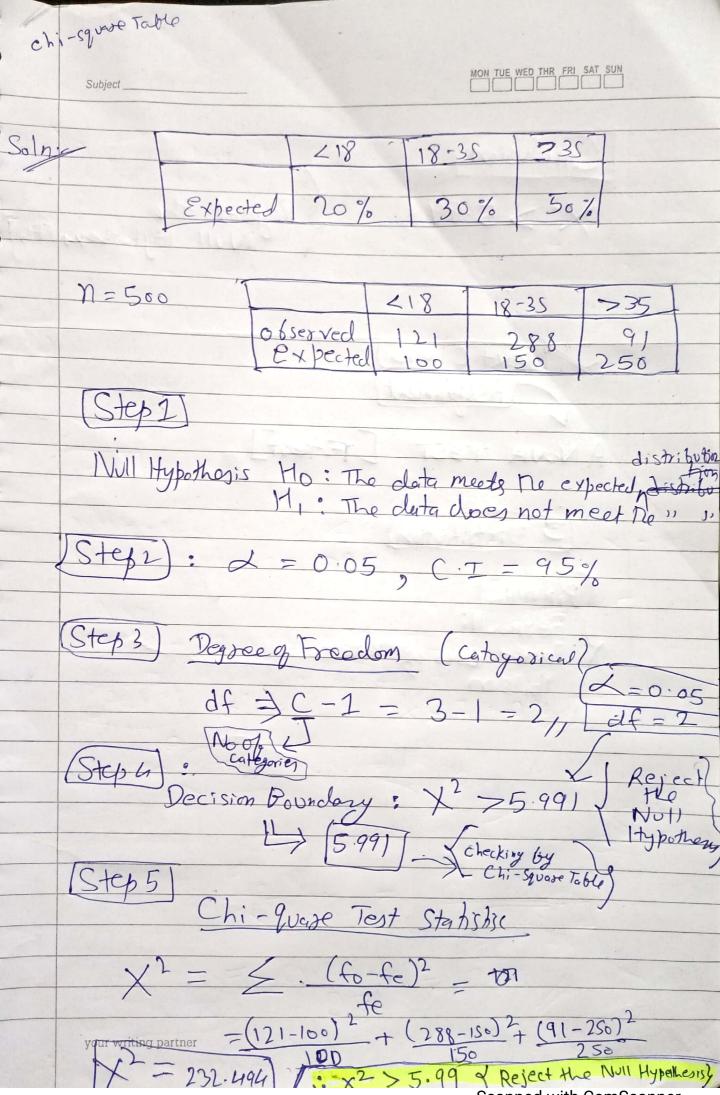
your writing partner  $2 + est = \hat{P} - P_0$ 

		MON TUE WED THR FRI SAT SUN	
	Step 4		4
	$2 + est = \hat{p} - Po$ $\sqrt{\frac{p_0 q_0}{n}}$		
	$= 0.6S - 70$ $= 0.7 \times 0.3$ $= 200$	1.54	
	Condusin		
	-1.547-1.96 2 FC	Null Hypothesis	
	Now, P-Value	-154 +1.54	
T)	p. value = 0.06178 + 0 $= 0.12356$	0.06178	
	P-Value > Sign; & conce	Valvo ( 70 Fail to Reject) The Null Hypothessy	
	your writing partner	*	

0	in city ABC that own a vehicle is 60% or loss.
	in city ABC that own a vehicle is 60% or 1088.
	A sales manages disagress with this . He concluded a hypothesis testing surveying 250 sesidents and found that 170 responded yes to owing a vehicle.
	hypothesis testing surveying 250 residents and found
	that 170 responded to the oring a rehicle.
	of the state of th
a)	Ctato D. Mall O 11110 A
,)	State De NUII & Alternate Hypotheris  At 10% Significance level, is there enough cont evidence to support the idea that vehicle owernship in city  ABC is 60% or 1815?
-6)	At 10% Significance level, is there enough cont evidence
	to support the idea that vehicle owernship in city
10	ABC is 60% or Less?
	Stp2
	7 Cives
	NoII Hypothesis: Po = 0.60 n= 250, X=170
	1001119porsess . 10 = 250 , x = 110
	NoIl Hypothesis: Po = 0.60   n= 250, X=170 Alternate Hypothesis: Po > 0.60
	$/\sqrt{0}\omega$ ,
	90 - 1-P0 => (0.40)
	The state of the s
	(Cteb.2) & - 0.10, & C.I = 0.90/
-	
	(Step 2) Decision Doundary
	0.05
	(Step 4)
	71.28
	2 test = P-Po = 0.68-0.60
	JP080/n 0.6 x 0.4
	250
	= 0.08 - 2.5881
	0:8700
	(ondusin
	your writing partner
,	2.588 > 1.28 -> S Reject ne Noll Hypother
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Using & = 0.05, would you conclude the population Distorbution of ages has changed in the tast 10 years?

your writing partner



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