Hypothesis Te	esting					
Question						
1. Increasing rethat provide not the cost of me manufacturing the medical in result of this significant for the error of each of the insurant corporate officaverage employed.	medical costs have created nedical benefits program edical benefits to its empty generally surples and company randomly surples are average annual medical stimation and call that coverage will be over claim does not except the coverage will be over the	ns to major of soloyees, the proveyed the rechosen emploge total claim per employees at claim per employees \$900. Based \$900. Based \$900. Based \$900.	orpora person ecords loyee for m of \$9 employ anufac only if ised on	tions. In an a al manager o of n=64 emp or the previo 64 with stan ee and place turing compa it can be sho	of a Californ f a Californ loyees and us 12 mont dard deviate a 95% bout any has info own that th	measure nia-based recorded ths. The tion of und on ormed
Estimating the confidence le	e average annual medica vel.	al claim per	emplo	yee at 95%		
Stdev	\$147		Stand	Standard error = Standard Deviation		
Mean	\$964	U	of sample (stdev) / v (Sample size (n))			
n	64		T			
	Margin of error = Critical value x					
Standard erro	r \$18.38	/ 1)	Standard error			
Critical value	1.96	IK				7.
Margin of erro	or \$36.01	V 1 \				
Upper Limit	\$1,000.01					
Lower Limit	\$927.99					
Confidence in	tervals	\$927.99	- \$	1,000.01		
	nnual medical claim at 9	5% confider	ce leve	el ranged		
from \$927.99	to \$1000.01					
Null Hypothe: to \$900 (μ≤\$	sis = The average annual 900.)	l medical cla	im per	employee is	less than	or equal
which means maximum thre significance le	it would be \$927.99 at 0. that the lower limit of ar eshold that the insurance vel, which means that the exceeds \$900. Thus, the company	n average an e carrier set. nere is suffic	nual m The <i>p</i> - ient ev	edical claim value is lowe idence to pro	exceeds the er than the ove that the	e e average