Us in	g Doninitian or
	onthruite and Limit Laure
Show that the runction $+(x) = 1$	+ V×+1 is continued
(a = x, a = 1	
F(a) = 1 + Va+1 , a=1 ,	g(a) = 1/a, h(a) = Va+1
Domain - 0+ 9(a): (- 00	, o) v(o, ∞)
Pomain of h(n): C-1,	00) <- a=1 falls within these interests
Both g(a) and h(a) are	
then f(a) is a	Lo continuous at as 1.
3(a) h(a)	
2) 1 im 1 x +1	
7-3-1 II	
X X X X X X X X X X X X X X X X X X X	
1 1im 1 \[\int \lim x + 1	
Domain of g(a): (-00,0) U(0,00)	>> Same intervals
Domain of h(a) : C-1,00)	as +(a)
3) +(a) and lim + 1 x+1	have same domains,
The karmen and the second seco	fis continuous at x=1