	W					
Q,	Program for leap year.	Jean year				
		-				
Wil .			2/ 17			
=>	a = int (input ("Enter positive integer")) if (a%4 ==0 and a%100!=0) or (a%400 ==0): print ("Leap year") else: print ("non leap year")					
	Explaination					
	Mathematically, a year is considered as leap year if it is divisible by 4 and remainder is 0, but the problem -aise arise for certury year i.e. 2000, 2100, 2200, 3000, etc. Some certury year divisible by 4 but not leap year. Eg. 2100, 2200, 2300, 2500, etc.					
				geal · Eg · 2100 ; 2200 ; 2300 ; 2000 ; 4000		
				Rut the confunction which are divisible by 400		
	But, the century year which are divisible by 400 are found to be leap year.					
·	54.55					
	So two condition necessary for leap year					
		1				
	1) Year which is divisible	-	2) Year which us			
	by 4 and it is not a		century year			
	by 4 and it is not a rentury year.	97	but only divisible			
			by 400.			
	: 0%4==0 and c1/100!=0		: a y. 400 ==0			
	TJ and one condition is boun	, Ll.	m 'L' look			
	If any one condition is true	c the	it is they year.			