	want:	isPri	me[n]	retur	ns Tru	e if	n is prime;	False 1	the vise	
	useful	functi	ons:	Divis	ible [n,	k] re	thas True	iff k	divides n	
				,	/~ J	divide	ne remainder d by k			
	Idea:	check	whether	n i.	s divi	sible by	, 2,3,4,.	., n-1	For	big n,
							50		11	< 2
	Lemm	a: If	ر ۸	composi	te, the	a it h	ias a fact	or 1cm	2 m.	
		proof: I								
			th	er mk	> 1 >	which is	a contrad	iction.		
					<u>'</u>					
	>co 4-co	Jo:	isPrime[r	J:						
	pseudoco	186	1211100	7 .						
			Do	for k=	2,3,,	n:				
			do	es k d	ivide n:				. 7	
				Yes:	return 3	we False		Return	False]	
			1-a+	No.	keep divid	ling)		quits	the Module	·
			reiva	Table	rie					