	Assignment 3
1.	Prove the consectness of Elganos signature verification (VI=V2)
	reihighen (VI=VI)
=)	
	If the signature (1,5) to ressage M is walled
	then
	Y. = 4/2)
	$y' = y' y'$ $= (g'')^{1/2} (g'')^{1/2}$ $= (g'')^{1/2} (g'')^{1/2}$
	= J 11(M11x)
	= 9 11(m11x) = 9 = 42(mode)
	Example:
	Let $p=467$, $g=2$ which is paintible not of 467 scalet key $x=127$ $y=2^{127}=132 \pmod{467}$
	sealt key x = 127
	4=2127 = 137 (mod 467
,	A STATE OF THE STA
	So contre Alice with
	Intolle key \$467, 2, 132)
	pirak key 127
	If Alice want lossen mig
	she select k=213; note that gcd (213,466)=1
	$\Lambda = 7^{215} = 29 \pmod{467}$
	Suppose Mark Justion yeild, 11 ("111 True" /29) . 100
	Mu reed to solve
	1235 = 100-127.29 = 145 mod 466
	Solve
	1738=100-127=155 (mod 466)

