1.	Bob is using RSA to allow people to send him encrypted messages. (e,N)=(69,187).	He publishes his public key
	(a) Use the fact that $N=11\cdot 17$ to compute the value of $\phi$ .	
	(b) Use $e$ and $\phi$ to compute Bob's decryption key $d$ .	
2.	Give the decimal representation of the binary number $(110101)_2$ .	
3.	Give the base 7 representation of the decimal number 103.	