1.

Please find out the keys of the following three scenarios whose messages are encrypted and decrypted with Caesar cipher.

Cipher text sent and received	Key	What is the plain text?
kxxt	**9**	book
bcdmnwc	**9**	student
rwbcadlcxa	**9**	instructor
bnldarch	**9**	security
sjej	**9**	java

For Cipher text kxxt

Key	1	2	3	4	5	6	7	8	9	10	11	12	13
Plain text	jwws	ivvr	huuq	gttp	fsso	errn	dqqm	cppl	**book**	annj	zmmi	yllh	xkkg

Key	14	15	16	17	18	19	20	21	22	23	24	25
Plain text	wjjf	viie	uhhd	tggc	sffb	reea	qddz	pccy	obbx	naaw	mzv	lyu

Key : 9 ===> Shifts each letter in the cipher text 9 keys to the left
Book is the reasonable plain text between the instructors conversation.