Question 1:

- Construct a Playfair matrix with the key LARGEST

encrypt the message " Must see you over Cadogan West.Coming at once".

- Using the below Playfair Matrix

M	F	H	I/J	K
U	N	O	P	Q
Z	V	W	X	Y
E	L	A	R	G
D	S	T	B	C

encrypt the message:"Must see you over Cadogan West.Coming at once".

How do you account for the results of these two problems? Can you generalize your conclusion?

Question 2:   Create software that can encrypt and decrypt using a 2*2 Hill cipher.

Then encrypt the message "meet me at the usual place at then rather than eight oclock" using Hill cipher with the key $\begin{pmatrix} 9 & 4 \\ 5 & 7 \end{pmatrix}$.