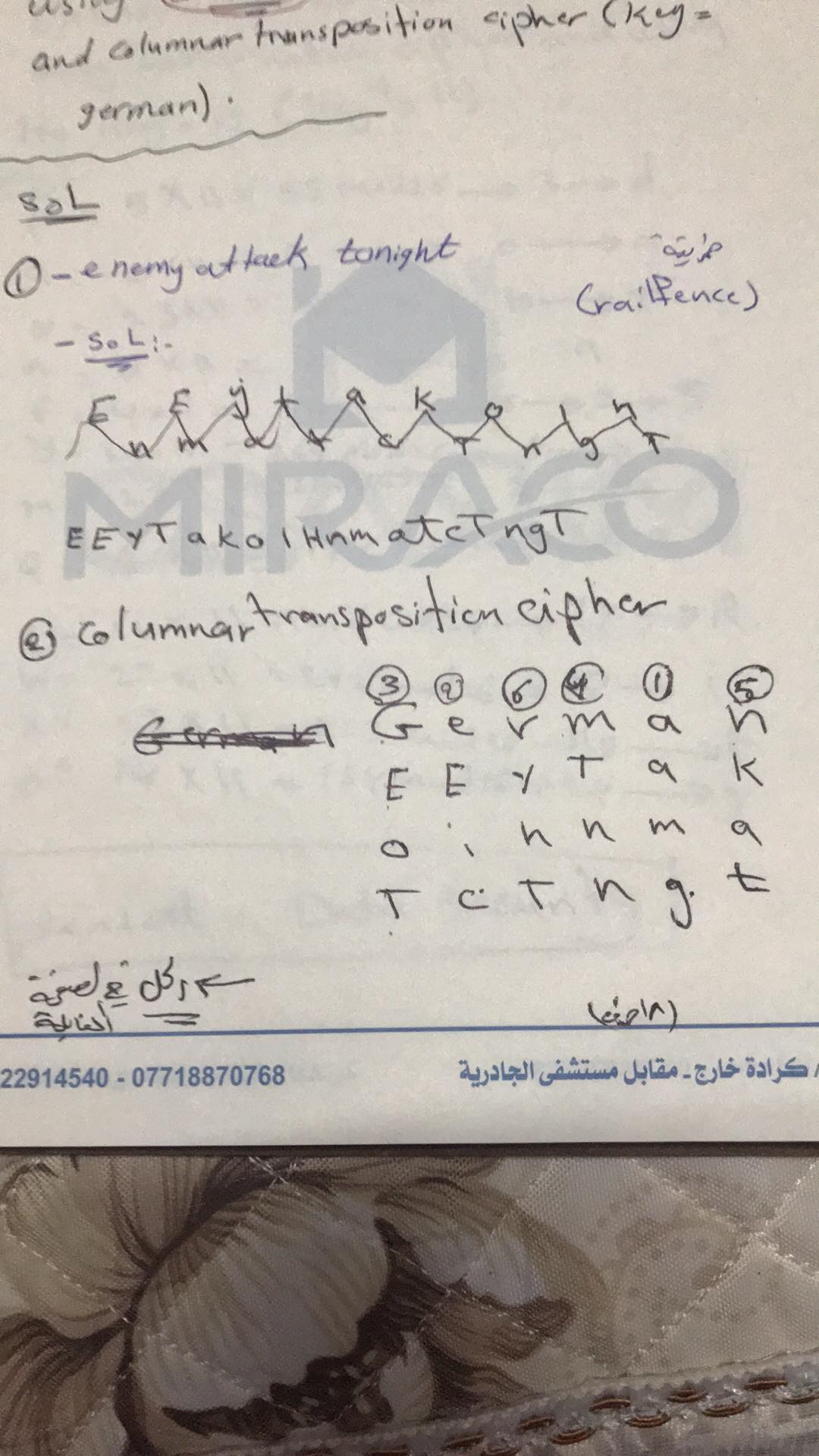
Four class Computer security exam 2

Q1) Encrypt message =" enemy attack tonight", using combined keyless(rail fence) and columnar transposition cipher ( key= german)

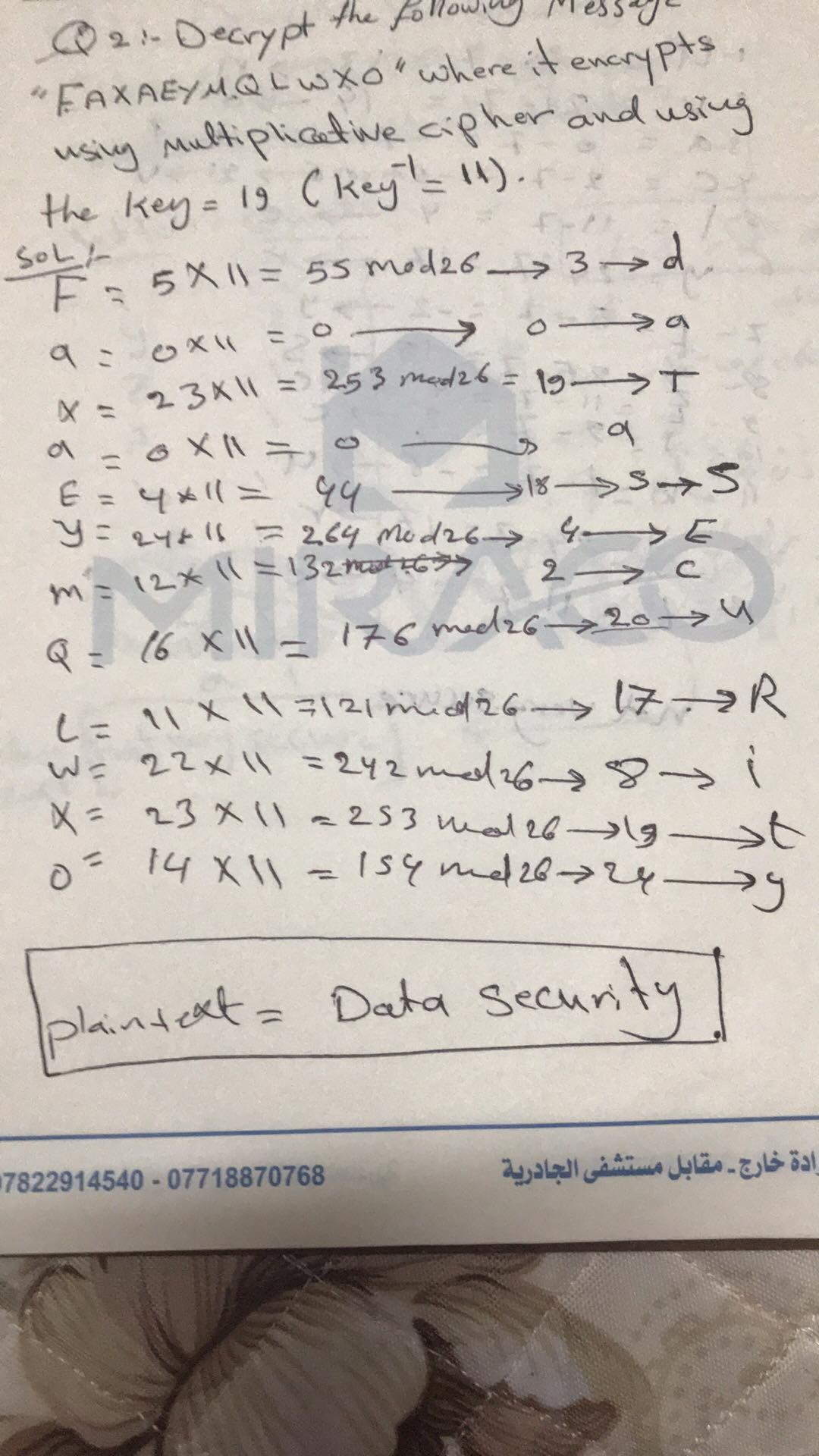
-----------------------------------------------------------------------------

Sol:-





Q2) Decrypt the following message “**FAXAEYMQLWXO**” where it encrypts using multiplication cipher and using the encryption key 19 (key-1=11)

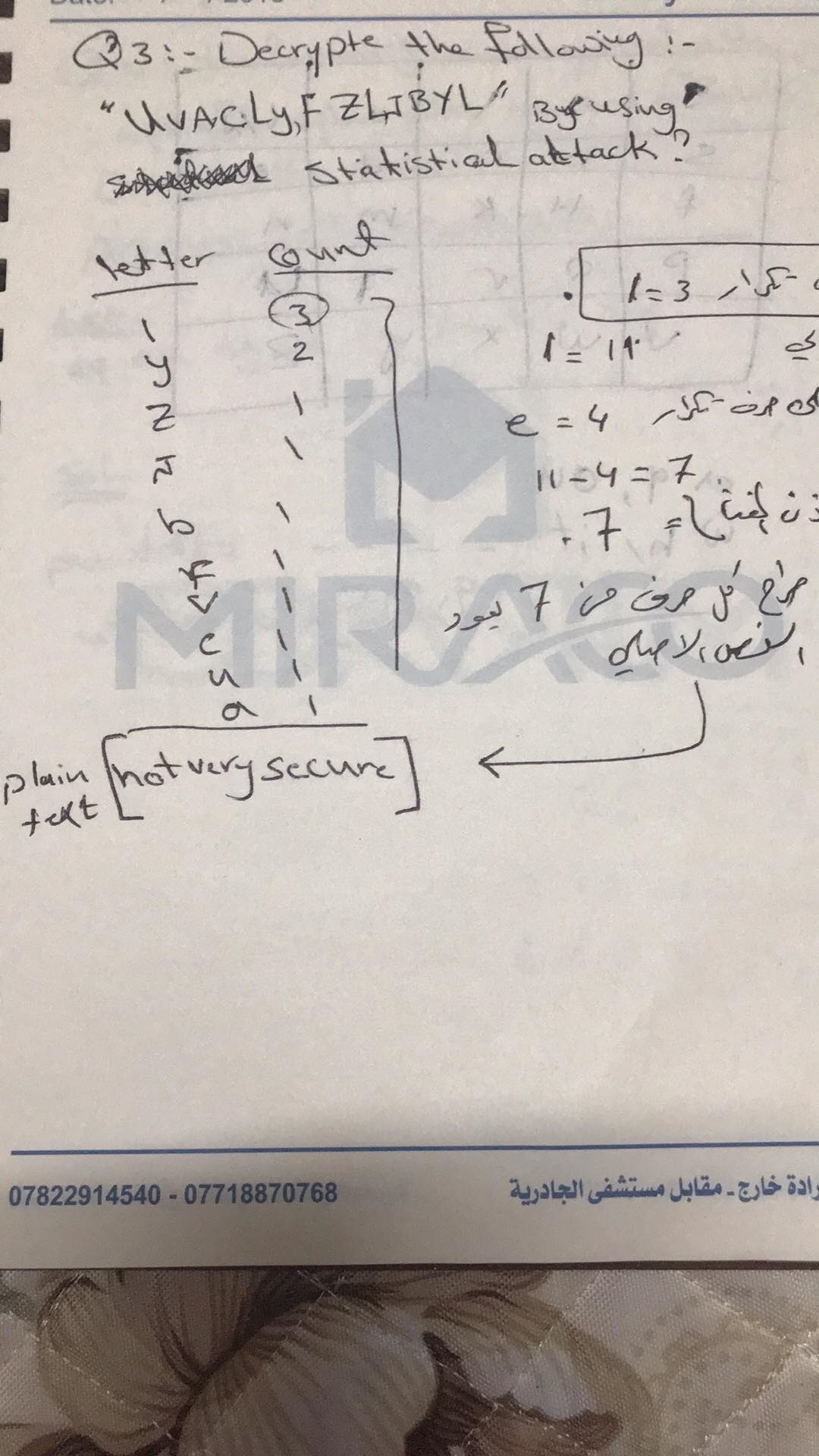


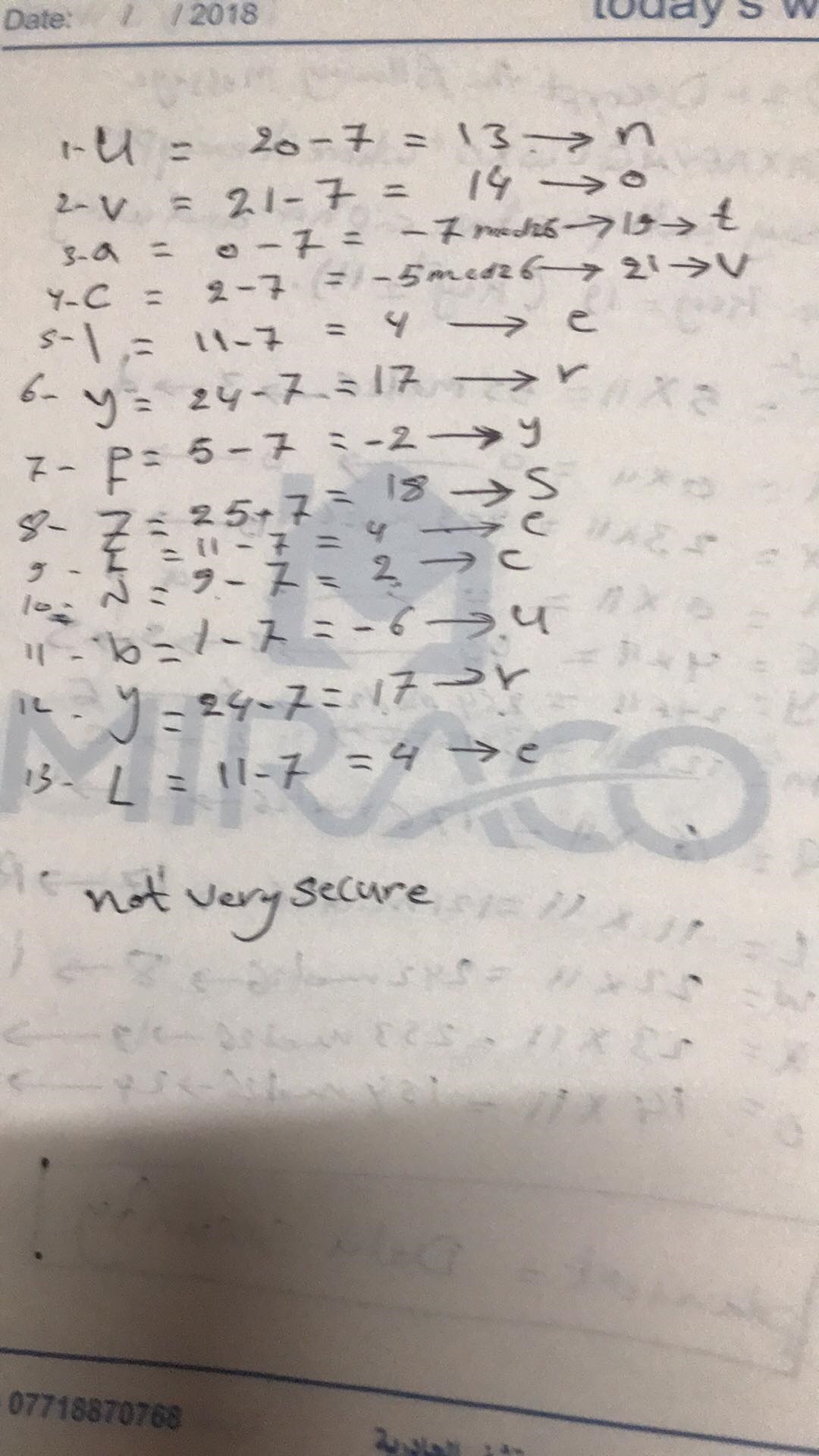
Q3/ Decrypt the following message “UVACLYFZLJBYL”,

By using statistical attack ?

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Sol:-

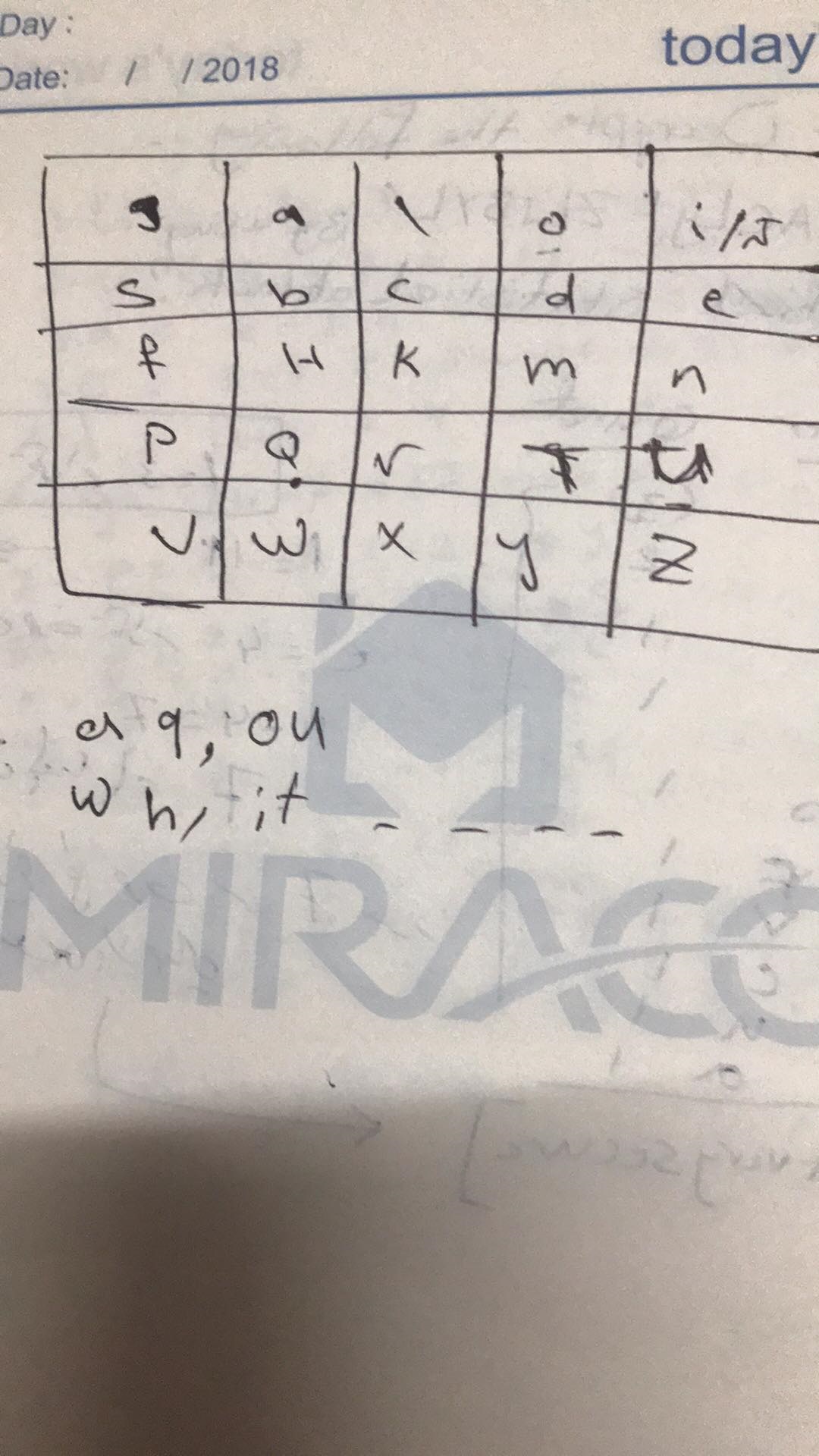


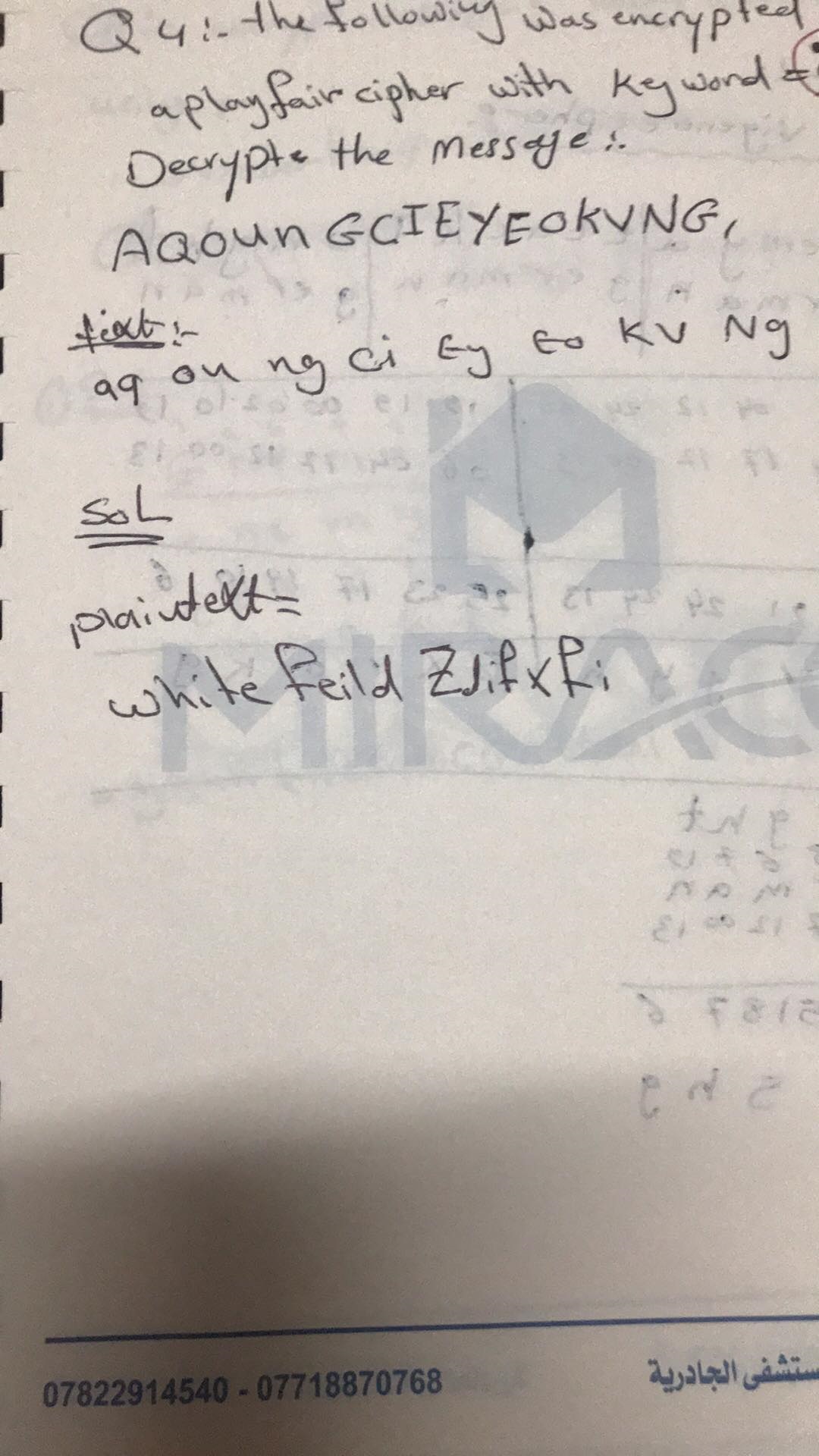


Q4/ The following was encrypted with a Playfair Cipher with keyword =Galois. Decrypt the message.

AQOUNGCIEYEOKVNG, BIMEHOTUEUNBCLOKIH

**Sol:-**

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**انتباه:::لفتح الشفره الخطوات تكون عكس خطوات التشفير**