Explanation how I solved the questions

Exercise 1

1. I used cesar shift cipher and in the key box I entered "4 "and in the plain text place I enter "MATHS" then I press encrypt and in the cipher text place it is encrypted to "QEXL "

So, the answer is "QEXL"

2. I used cesar shift cipher and in the key box I entered "6 "and in the plain text place I enter "CRYPTO "then I press "encrypt" and in the cipher text place it encrypted to "IXEVZU "

So, the answer is "IXEVZU"

3. in the key box I enterd "4" in this question the given question is already encrypted so what I used is I entered the encrypted message which is "QIIX PEXIV "in the cipher text place and press "decrypt "and in the plain text place it decrypted to "MEET LATER ".

So, the answer is "MEET LATER "

4.. in the key box I enterd "6" in this question the given question is already encrypted so what I used is I entered the encrypted message which is "SKKZ NKXK "in the cipher text place and press "decrypt "and in the plain text place it decrypted to "MEET HERE ".

So, the answer is "MEET HERE"

Exercise 2

5.In this question I used vignere cypher and in the key word I inserted "OZ" and in the plain text place I inserted "FOLLO WTHEY ELLOW BRICK ROAD "and I press "encrypt" and it encrypted to

"TNZKC VHGSX SKZNK AFHQJ FNOC ".

So, the answer is "TNZKC VHGSX SKZNK AFHQJ FNOC ".

6. in this question I used vignere cypher and in the key word I inserted "SHOES " and hence the message is already encrypted I inserted the message " LOSVW AZBSH DHQID ARSLG EL " in the cipher text and the message I press " decrypt " and it decrypted to " THERE IS NO PLACE LIKE HOME " .

So, the answer is "THERE IS NO PLACE LIKE HOME ".

Exercise 3

7.in this question the key is not given so I break the ceasar cipher and tried to look for "magic" I followed the steps and I tried every possible key then when I get the key I started entering the" key" which is "19 " and after I entered the key I inserted the message "PAXG LAHNEW B KXMNKG" in the cipher text part and hence it is a decrypted message I enterted " decrypt " then it decrypted to "When should I return"

So the answer is "When should I return"

8. .in this question the key is not given so I break the ceasar cipher and tried to look for "magic" I followed the steps and I tried every possible key then when I get the key I started entering the" key" which is "20 " and after I entered the key I inserted the message "QUCN ZIL U JBIHY WUFF" in the cipher text part and hence it is a decrypted message I entered " decrypt " then it decrypted to "Wait for a phone call" .

So, the answer is "Wait for a phone call "

9. in this question the key is not given so I break the Caesar cipher and tried to look for "magic" I followed the steps and I tried every possible key then when I get the key I started entering the" key" which is "39 " and after I entered the key I inserted the message "GUR ENOOVG PENJYRQ BHG BS VGF UBYR" in the cipher text part and hence it is a decrypted message I entered " decrypt " then it decrypted to "the rabbit crawled out of its hole" .

So, the answer is "the rabbit crawled out of its hole "

10.. in this question the key is not given so I break the Caesar cipher and tried to look for "magic" I followed the steps and I tried every possible key then when I get the key I started entering the" key" which is "45 " and after I entered the key I inserted the message "MAXLX TKXGM MAXWK HBWLR HNKXE HHDBG ZYHK" in the cipher text part and hence it is a decrypted message I entered " decrypt " then it decrypted to "These aren't the droids you're looking for."

So, the answer is "These aren't the droids you're looking for."

Exercise 4

11. in this question the key is not given but the key length is four so first I calculate the IC then I took every 4th number till end and point out all the numbers then I count how many they are (frequency) then I divided their frequency by their total number then I get a relative frequency , then I multiply the relative frequency by the point out number then I add it and I shifted the outcomes and keep doing that till end and I got the key and when I decrypt the message "BCRRBCQORHKEPSLSLCWRWXXDESPEZMPYQWCEBCBOSFHCIZHSQWVHCBRWRVLNEGDRCKRR

QS.' I got ". Do or do not – there is no try. Judge me by size, do you? Reckless is he. Now things are worse."

So the answer is "". Do or do not – there is no try. Judge me by size, do you? Reckless is he. Now things are worse "

12.. in this question the key is not given but the key length is four so first I calculate the IC then I took every 4th number till end and point out all the numbers then I count how many they are (frequency) then I divided their frequency by their total number then I get a relative frequency , then I multiply the relative frequency by the point out number then I add it and I shifted the outcomes and keep doing that till end and I got the key and when I decrypt the message "KBPYU BACDM LRQNM GOMLG VETQV PXUQZ LRZNM GOMLG VETQV PXYIM HDYQL BQUBRYILRJ MTEGW YDQWE GUPGC UABRY ILRJM XNQKA MHJXJ KMYGV ETQVP XCRWV FQNBLEZXBW TBRAQ MUCAM FGAXY UWGMH TBEJB BRYIL RJMLC CAHLQ NWYTS GCUAB RYILR JMLNT QGEQN AMRMB RYILR JMPGP BXPQN WCUXT GT.' I got ". It was the best of times, it was the worst of times, it was the age of wisdom, it was the age of foolishness, it was the epoch of belief, it was the epoch of incredulity, it was the season of Light, it was the season of Darkness, it was the spring of hope, it was the winter of despair."

So, the answer is ". It was the best of times, it was the worst of times, it was the age of wisdom, it was the age of foolishness, it was the epoch of belief, it was the epoch of incredulity, it was the season of Light, it was the season of Darkness, it was the spring of hope, it was the winter of despair."

Exercise 5

Once upon a midnight dreary, while I pondered, weak and weary, Over many a quaint and curious

volume of forgotten lore, While I nodded, nearly napping, suddenly there came a tapping, As of some

one gently rapping, rapping at my chamber door. 'Tis some visitor, I muttered, tapping at my chamber

door – Only this, and nothing more.