Information Security-LAB

Submitted By:

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Submitted To:

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Dated: 20th Jan 2025

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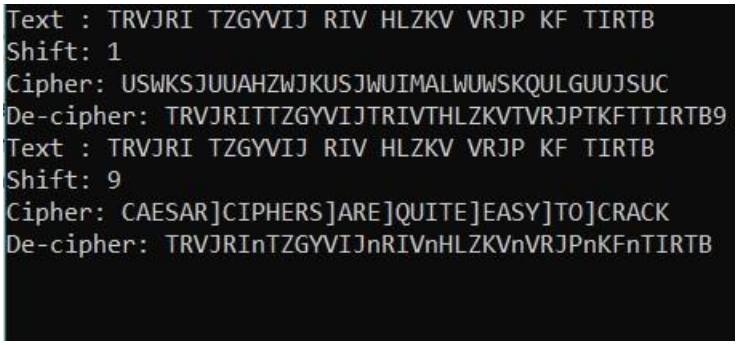
1. Crack the following plaintext TRVJRI TZGYVIJ RIV HLZKV VRJP KF TIRTB



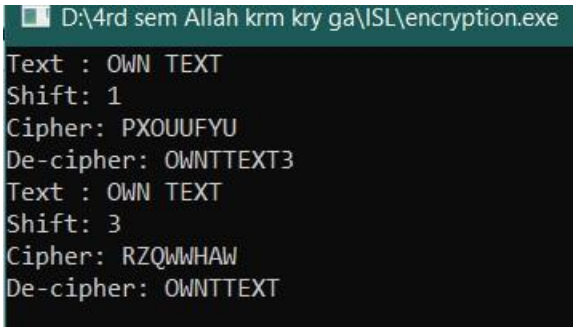
Crack text:

CAESAR CIPHERS ARE QUITE EASY TO CRACK

2. What encryption key was used?

The Key was 9.

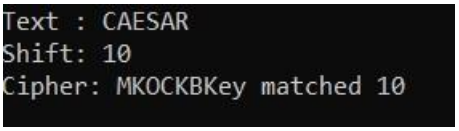
3. Make you own cipher text using the Caesar cipher.



4. Can you crack other people's ciphertexts?

Yes, I guess the the key.

5. What key do we need to make "CAESAR" become "MKOCKB"?



Key =10

6. What key do we need to make “CIPHER” become “SYFXUH”?

```
Text : CIPHER
Shift: 16
Cipher: SYFXUHKey matched 16
```

Key=16

7. Use the Caesar cipher to encrypt your first name

```
D:\4rd sem Allal
Text : Umer
Shift: 3
Cipher: Xphu
De-cipher: Umer
```

8. How can we find the decryption key from the encryption key?

The key used in encryption just simple “subtract” it.

2nd Manual

```
a = 56
b = 98
Euclidean_GCD = 14

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Process exited after 0.1666 seconds with return value 0
Press any key to continue . . .
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