

Encryption of a PARAGRAPH:

```
D:\C Programs\Cesar cipher>make
gcc -c client.c
gcc -c server.c
gcc -o a.exe client.o server.o

D:\C Programs\Cesar cipher>a
Press...
'1' to Encrypt message
'2' to Decrypt message
'3' to Quit

Enter your choice:1

Enter the key for encryption:1008

Enter the text(paragraph/word/sentence) to be encrypted:
[NOTE:Press 'Tab' key when paragraph/sentence/word ends and then press any key on your keyboard to continue]

Hey man!

Today I am in Paris , I am under the top undercover government under US government!I hope u are doing well and I hope I could meet you soon.And I accept you to keep my secret intact as I said I am working
undercover for the US.I am hoping your family is doing well and I will meet you 2:00 AM under the Uifel tower on 2nd of next month.i Hope 2020 was a good year and hope next year will be better.I hope you
are safe and healthy.

Greeting,
Your old friend

Encrypted text:

Bys guh!

Nixus C ug ch Julcm , C ug ohxyl nby nij ohxylwipyl aipylhgyhn ohxyl OM aipylhgyhn!C bijy o uly xicha qyff uhx C bijy C wiofx gryn sio miih.Uhx C umwyjn sio ni eyyj gs mywlyn chnuwe um C mucx C ug qilecha
ohxylwipyl zil nby OM.C ug bijcha siol zugcfs cm xicha qyff uhx C qcff gryn sio 0:88 UG ohxyl nby Oczyf niqyl ih 0hx iz hyrn gihnb.c Bijy 0008 qum u aiiix syul uhx bijy hyrn syul qcff vy vynyml.C bijy sio
uly muzy uhx byufnbs.

Alyyncha,
Siol ifx zlcylx

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Decryption of a PARAGRAPH:

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Press...
'1' to Encrypt message
'2' to Decrypt message
'3' to Quit

Enter your choice:2

Enter the key for decryption:1008

Enter the text(paragraph/word/sentence) to be encrypted:
[NOTE:Press 'Tab' key when paragraph/sentence/word ends and then press any key on your keyboard to continue]

Bys guh!

Nixus C ug ch Julcm , C ug ohxyl nby nij ohxylwipyl aipylhgyhn ohxyl OM aipylhgyhn!C bijy o uly xicha qyff uhx C bijy C wiofx gryn sio miih.Uhx C umwyjn sio ni eyyj gs mywlyn chnuwe um C mucx C ug qilech
ohxylwipyl zil nby OM.C ug bijcha siol zugcfs cm xicha qyff uhx C qcff gryn sio 0:88 UG ohxyl nby Oczyf niqyl ih 0hx iz hyrn gihnb.c Bijy 0008 qum u aiiix syul uhx bijy hyrn syul qcff vy vynyml.C bijy sio
uly muzy uhx byufnbs.

Alyyncha,
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Decrypted text:

Hey man!

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Greeting,
Your old friend
```

Encryption of a SENTENCE:

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Press...
'1' to Encrypt message
'2' to Decrypt message
'3' to Quit

Enter your choice:1

Enter the key for encryption:15

Enter the text(paragraph/word/sentence) to be encrypted:
[NOTE:Press 'Tab' key when paragraph/sentence/word ends and then press any key on your keyboard to continue]

This is a top secret message sent at 9:00 AM on 2nd of February!

Encrypted text:

Iwxh xh p ide htrgti bthhpvt htci pi 4:55 PB dc 7cs du Utqgjpgn!
-----
```

Decryption of a SENTENCE:

```
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Press...
'1' to Encrypt message
'2' to Decrypt message
'3' to Quit

Enter your choice:2

Enter the key for decryption:15

Enter the text(paragraph/word/sentence) to be encrypted:
[NOTE:Press 'Tab' key when paragraph/sentence/word ends and then press any key on your keyboard to continue]

Iwxh xh p ide htrgti bthhpvt htci pi 4:55 PB dc 7cs du Utqgjpgn!

Decrypted text:

This is a top secret message sent at 9:00 AM on 2nd of February!
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```

Encryption of a WORD:

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Press...
'1' to Encrypt message
'2' to Decrypt message
'3' to Quit

Enter your choice:1

Enter the key for encryption:29

Enter the text(paragraph/word/sentence) to be encrypted:
[NOTE:Press 'Tab' key when paragraph/sentence/word ends and then press any key on your keyboard to continue]

Accepted!

Encrypted text:

Dffhswhg!
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Decryption of a WORD:

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Press...
'1' to Encrypt message
'2' to Decrypt message
'3' to Quit

Enter your choice:2

Enter the key for decryption:29

Enter the text(paragraph/word/sentence) to be encrypted:
[NOTE:Press 'Tab' key when paragraph/sentence/word ends and then press any key on your keyboard to continue]

Dffhswhg!

Decrypted text:

Accepted!
-----
```

-----THANK YOU!-----