

C O N G R A T U L A T I O N S  
 C Z X O E D B U W K B V R V S

2 25 23 14 4 5 1 20 22 10 1 21 12 21 18  
 - 72 14 13 6 17 0 19 20 11 0 19 4 14 13 -18  
 0 11 10 9 -13 3 -10 0 10 10 -13 3 8 0

0 11 10 9 -13 3 -10 0 10 10 -13 3 8 0  
 mod 26  
 A L K I P D S A L K - - - -

Keyword

Cypher  
 -Text

0 1 2 3 4 5 6 7 8 9 10 11 12  
 A B C D E F G H I J K L M  
 13 14 15 16 17 18 19 20 21 22 23 24 25  
 N O P Q R S T U V W X Y Z

Answer mod 26 = key

Manual approach of Kasiski

how I actually did it

Czxoedbuwkbvrvs! Mi lrfzyadqaj bhtc urvaaro, gbx pago kbpplpdmq vbea yvr rn tssa  
 nvairxurqb. Tz mwzsteeo buh veid aghx oq dpr dastqvzhvt, jyc zxat dejzlb tso  
 kbgm oq dpr wwowc gbx cspn bb gmccixg wpid wmfvigp sv n Jqtsej ehxodsbbug.  
 Yze xerjamvg hvmd l Uiflakt ofnpqnldqbq, ino dprq i bcebr-iwrno wa dtl vogf rn  
 tso lvvkogoarg teyqbu(v). Aumwqg wpe nylr bwu fcmq iwr mybu rn tsoar vbeac bb d  
 xrtfigh Oierco umpzcqgrzy ykurg ks1653-gsorqmrp-kjp123, zpeco iof123 qs jyce  
 Sqte earuvaxo. Audze erqf umpzcqgrzy hsbu wpe EK (urxvaw). Sn lrc szvdrq atpz  
 wah cstxo rqbicotl smn lxl cdxec, cknq gofb pnqlwcsbghv dzmczhvt lxl fxjmt d qg.  
 Lv etdpru kado, aheue k zrdlmp pqyh ledmzveqnr iwhu ipabwnfp. lq iwh kivp vqgwte  
 oykhpmnekbvrv amycg bwuc cwyxbizx, gbx uaj mpbrae ey qzstexovg d jadsk Xdaiduq  
 raimtxiglwn ey mavcrp dpnw gof qmg iclw zwwqbs zx bula seox bi bhp kaflonxovg.

1	2	3	4	5	6	7
C	Z	X	O	E	D	B
U	W	K	L	V	R	V
S	M	I	L	R	F	Z
Y	A	D	A	A	J	B
H	T	C	U	R	V	A
A	I	O	G	B	X	P
A	G	O	K	B	P	X
L	P	D	M	E	V	B

how you could do it

Highlighted substrings can be used  
 to calculate key length.

ect...  
 perform frequency analysis to look

1

1

1

1

1

for most commonly used English letter  
to find reverse against text column's  
offset.

