Segurança em Sistemas de Computação

Desafio 03

INF01045 – Comunicação – Turma U – Prof. Raul Weber

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Texto:

LPBOVQIPROKBHSHRZZBPFYFPSVQFJLPBOVUQJMKULKUSVKFOPQLFSSQYLQJAFPVUJIQPGUJRPB
UJYQPTRVUQJUJVQHJUJVFZZUIUEZFIUEEFPUSKGFLPBOVUQJUSVKFPFAFPSFUJQVKFPMQPGS
TQAUJIYPQTVKFHJUJVFZZUIUEZFLUOKFPVFDVERLCVQOZRUJVFDVRLUOKFPUSRORUPQYRZIQPUVKTS
MKULKLPFRVFVKFFJLPBOVUQJRJGVKFPFAFPSUJIGFLPBOVUQJVKFGFVRUZFGQOFPRVUQJQYRLUOKFP
USLQJVPQZZFGEQVKEBVKFRZIQPUVKTRJGUJFRLKUJSVRJLFEBRCFBVKUSUSRSFLPFVORPRTFVFP
UGFRZZBCJQMJQJZBVQVKFLQTTHJULRJVSEFYQPFVKFTQGFPJFPRLPBOVUQIPROKBMRSLQJLFPJFG
SQZFZBMUVKTFSSRIFLQJYUGFJVURZUVBUJPFLFJVGFLRGFSVKFYUFZGKRSFDORJGFGVQUJLZHGF
VFLKJUNHFSYQPTFSSRIFUJVFIPUVBLKFLCUJISFJGFPRJGPFLFUAFPUGFJVUVBRHVKFJVULRVUQJ
RJGGUIUVRZSUIJRVHPFSVKUSVFDVUSYPQTMUCUOFGURVKFJFDVNHUXHSFSOFPTHVRVUQJRJGVKF
VFDVYUVSOFPYFLVZVZBUJRPFLVRJIHZRPRPFRMKFPFVKFJHTEFPPQYPQMSUSIPRVFPVKRJVKF
JHTEFPQYLQZHTJSUVUSRZSQCJQMJVKRVVKFMQPGERJRJRROOFRPSSFAFPRZVUTFSUJVKFVFDV

UUWLIUOLJGFWIUOUYUOQOREFGCUCOTJU

Texto Decifrado:

cryptography usually refers to encryption which is the process of converting ordinary
information into unintelligible gibberish decryption is the reverse in other words
moving from the unintelligible cipher text back to plain text a cipher is a pair of algorithms
which create the encryption and the reversing decryption the detailed operation of a cipher
is controlled both by the algorithm and in each instance by a key this is a secret parameter
ideally known only to the communicants before the modern era cryptography was concerned
solely with message confidentiality in recent decades the field has expanded to include
techniques for message integrity checking sender and receiver identity authentication
and digital signatures this text is from wikipedia the next quiz uses permutation and the
text fits perfectly in a rectangular area where the number of rows is greater than the
number of columns it is also known that the word banana appears several times in the text

iijcgipcndejgipifipopabedkikpmni

Chave:

UUWLIUOLJGFWIUOUYUOQOREFGCUCOTJU => iijcgipcndejgipifipopabedkikpmni

Tabela de Substituição Usada:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
v	y	k	x	b	e	d	u	g	n	h	c	w	q	r	o	a	s	m	i	t	j	j	z	f	l

Observação a respeito das letras "W" e "j":

Letra "W" só existe na assinatura, que é inteligível. Sendo assim não sabemos qual o caracter correspondente. Como para a substituição sobrou apenas a letra "j" e como a substituição é de 1:1, ela foi atribuída a letra "W".