





























C	)ne	-tin	ne	Pad	b						
e=000 h=001 i=010 k=011 l=100 r=101 s=110 t=111											
<b>Encryption:</b> Plaintext											
	h	е	i	Ι	h	i	t	Ι	е	r	
Plaintext:	001	000	010	100	001	010	111	100	000	101	
Key:	111	101	110	101	111	100	000	101	110	000	
Ciphertext:	110	101	100	001	110	110	111	001	110	101	
	c	r	I	h	s	s	t	h	s	r	

One-time Pad										
Suppose a wrong key is used to decrypt:										
	S	r	Ι	h	S	S	t	h	S	r
Ciphertext:	110	101	100	001	110	110	111	001	110	101
" <b>key</b> ":	101	111	000	101	111	100	000	101	110	000
"Plaintext":	011	010	100	100	001	010	111	100	000	101
	k	i	Ι	Ι	h	i	t	Ι	е	r
e=000 h=001 i=010 k=011 l=100 r=101 s=110 t=111										

And this is the correct key:										
	s	r	Ι	h	s	s	t	h	s	r
Ciphertext:	110	101	100	001	110	110	111	001	110	101
"Key":	111	101	000	011	101	110	001	011	101	101
"Plaintext":	001	000	100	010	011	000	110	010	011	000
	h	е	Ι	i	k	е	s	i	k	е
e=000 h=001 i=010 k=011 l=100 r=101 s=110 t=111										















	Illust	ratior	n of th	e enc	odi	na	
a	b	С	d	е		x	f(x)
.05	.10	.12	.13	.6			000
0	1				a		
	.15		.13	.6		b	001
			1			<u> </u>	010
						C	010
	15	25	.6		d	011	
	0		1			•	1
	0	.4	1		0		
	(	)		1			
		1			[		







































