

# Non-Random Scrambles

Unscramble This Phrase

I C H A E S E T S R I S T

Use  $k = 5, m = 16$

$n$	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
$char(n)$	i	n	v	e	r	s	e	f	u	n	c	t	i	o	n	s
$scram(n)$																
$char(scram(n))$																

Use  $k = 5, m = 22$

$n$	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
$char(n)$	h	e	e	a	t	p	u	i	m	e	n	p	c	h	s	r	v	a	l	s	r	y
$scram^{-1}(n)$																						
$char(scram^{-1}(n))$																						

## ② Scramble It! (aka Transposition)

Use the triangle and rectangle to scramble the phrase "cryptography can become addictive"

