Cryptography Handout

1. Caesar Cipher

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
H																									

Shift of 7. So an “A” in original text would be a “H” in cipher text.

Ciphertext: Thf Msvdlyz
Plaintext:

2. One-Time-Pad
Ciphertext: Rosd Yrpm
Plaintext:
a) New Moon
b) Fizz Buzz
c) Snail
d) Wild Flower

3. Vigenère Cipher

	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

Ciphertext: RMX LKPYL
Key: CATS
Plaintext:

4. Double Transposition Cipher (example from slides)
Ciphertext: nadwtkcaatat
Key: Encryption direction: Columns: (1,2,3,4)->(4,2,1,3) Rows: (1,2,3) -> (3,2,1)
Plaintext: