



Private Key Encryption

Create a code for a **private key**. All letters should have a new value and you can (and should) include numbers. For example: A=2, B=Z

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				

Now write a plain text message to a friend and then write the encrypted version of the message.

Plain text:

Encrypted
message:

Public and Private Keys

List the differences between Public and **Private Keys** after watching the video <https://www.youtube.com/watch?v=FHH5udcWehs>

Public Keys	Private Keys

AES and RSA Encryption:

Complete your assignment by reading the article(s) and answering the questions that follow for each form of encryption.

(AES): https://www.comparitech.com/blog/information-security/what-is-aes-encryption/	(RSA): https://www.comparitech.com/blog/information-security/rsa-encryption/
1. What is the encryption method? What does the acronym mean? 2. How is it used? Give some examples. 3. Who founded the method? Give a brief summary of its history.	1. What is the encryption method? What does the acronym mean? 2. How is it used? Give some examples. 3. Who founded the method? Give a brief summary of its history.

Closing Reflection: Kinds of Encryption

Answer the following questions based on the article:

<https://www.goodcore.co.uk/blog/types-of-encryption/#:~:text=To%20recap%20this%20article%2C%20encryption,%2C%20RSA%2C%20Blowfish%20and%20Twofish.>

1. Write a brief description for each type of encryption.

Type of Encryption	Description
1. Triple DES	
2. AES	
3. RSA	
4. Blowfish	
5. Twofish	
6. FPE	

2. Select 2-3 types of encryption and provide an example of how each one might be used.