Additive Cipher

```
Enter the text you want to encrypt: I AM BATMAN
Enter the shift value to be used for Cipher: 39
The Cipher Text through Additive Cipher is: V NZ ONGZNA
The original plaintext was: I AM BATMAN
The decrypted text after decryption is:  I AM BATMAN
The Cipher Text through Ceaser Cipher is: L DP EDWPDQ
The original plaintext was: I AM BATMAN
The decrypted text after decryption is:  I AM BATMAN
```

Multiplicative Cipher

```
Enter the text you want to encrypt: I AM BATMAN
Enter the value to be used for Cipher: 39
This function has no inverse, so you will not be able to decrypt it. Choose another value for key.
Enter a key value:27
The Cipher Text through Multiplicative Cipher is: I AM BATMAN
The original plaintext was: I AM BATMAN
The decrypted text after decryption is:  I AM BATMAN
```

Affine Cipher

```
Enter the text you want to encrypt: I AM BATMAN
Enter the value to be used for Cipher multiplication key: 39
Enter the value to be used for Cipher addition key: 27
This function has no inverse, so you will not be able to decrypt it. Choose another value for key.
Enter the value to be used for Cipher multiplication key:27
The Cipher Text through Affine Cipher is: J BN CBUNBO
The original plaintext was: I AM BATMAN
The decrypted text after decryption is:  I AM BATMAN
```

Autokey Cipher

```
Enter the text you want to encrypt: ATTACK IS TODAY
Enter the key value to be used for Cipher: 12
The Cipher Text through Autokey Cipher is: MTMTCM SA LHRDY
The original plaintext was: ATTACK IS TODAY
The decrypted text after decryption is:  ATTACK IS TODAY
```

Playfair Cipher

```
Enter the text you want to encrypt: instruments
Enter the key value to be used for Cipher: monarchy

The key matrix is:

M O N A R
C H Y B D
E F G I K
L P Q S T
U V W X Z

The plaintext in pairs of two is: ['IN', 'ST', 'RU', 'ME', 'NT', 'SZ']

The encrypted text is: GATLMZCLRQTX
```

Vigenère Cipher

```
Enter the text you want to encrypt: she is listening
Enter the key value to be used for Cipher: pascal
The Cipher Text through Vigenere Cipher is: HHW KS WXSLGNTCG
The original plaintext was: SHE IS LISTENING
The decrypted text after decryption is:  SHE IS LISTENING
```

Keyless Transposition Cipher

```
Enter the text you want to encrypt: meet me at the park

The letters arranged in matrix are as:

M E E T
M E A T
T H E P
A R K None

The encrypted text is: MMTAEEHREAEKTTP
```