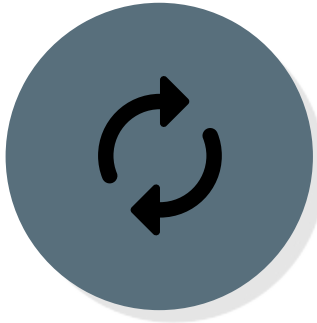
3 steps Encryption

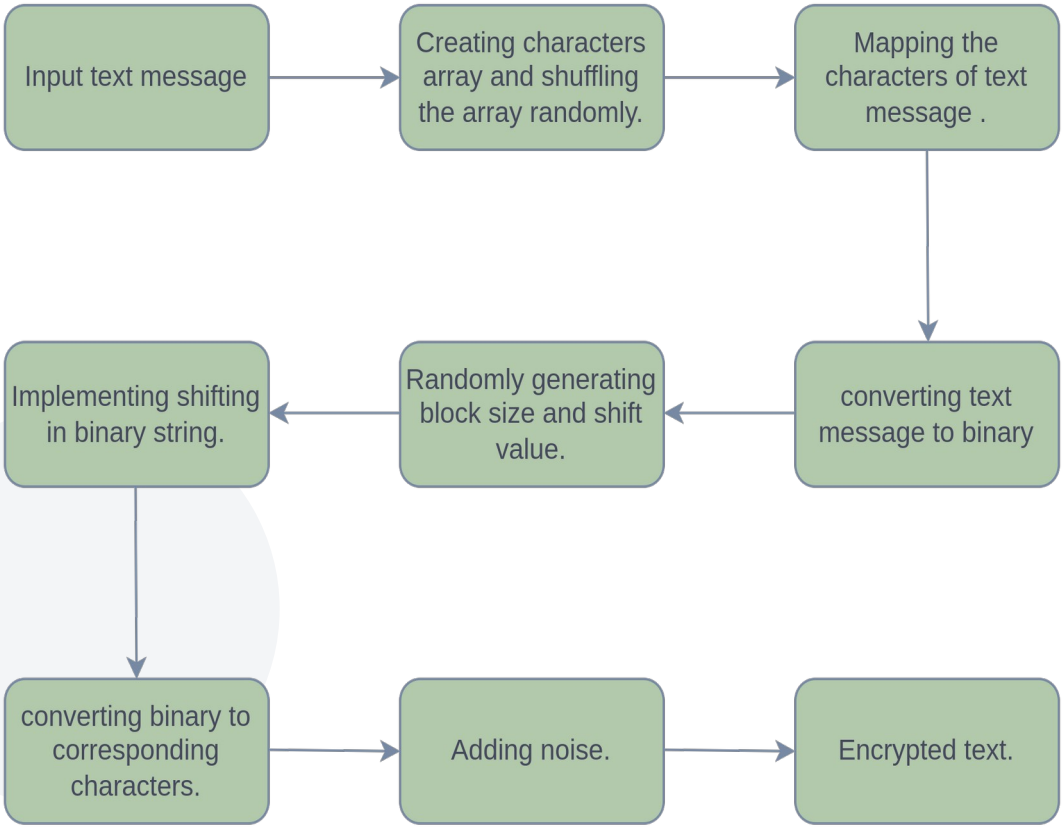
Mapping



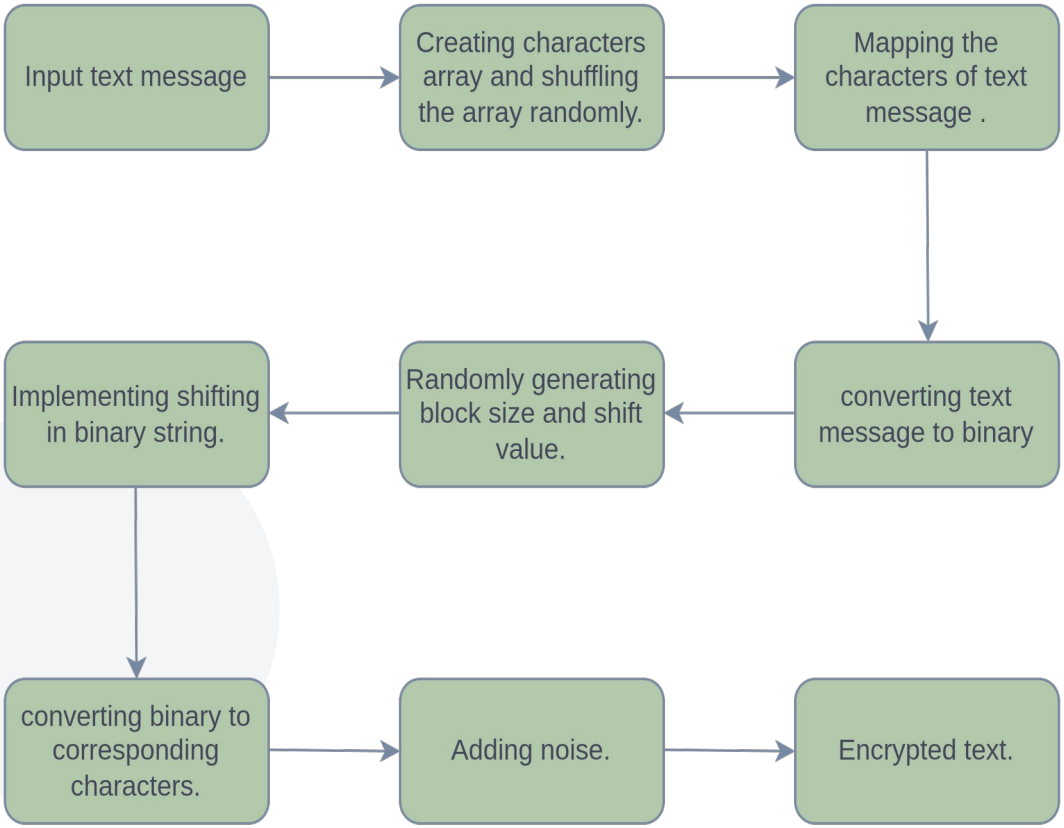
Block shifting

Noise

ENCRYPTION


Input text message
Creating characters array and shuffling the array randomly.
Mapping the characters of text message .
converting text message to binary
Randomly generating block size and shift value.
Implementing shifting in binary string.
converting binary to corresponding characters.
Adding noise.
Encrypted text.

ENCRYPTION



Example :-

Message :- **N I T**

Random mapping :- *{2 = 5 (g ?.....& a E / F .....6 R e 1.....}*

	a=97	?=63	1=49
Ascii in binary :- (7-bits)	1100001	0111111	0110001

Blocks :-	1100001011	11110110	001
	10	***8***	***3***

Shifted Blocks :-	1000010111	10111101	100
shifted by-	*1 bit*	*6 Bits*	*2 Bits*

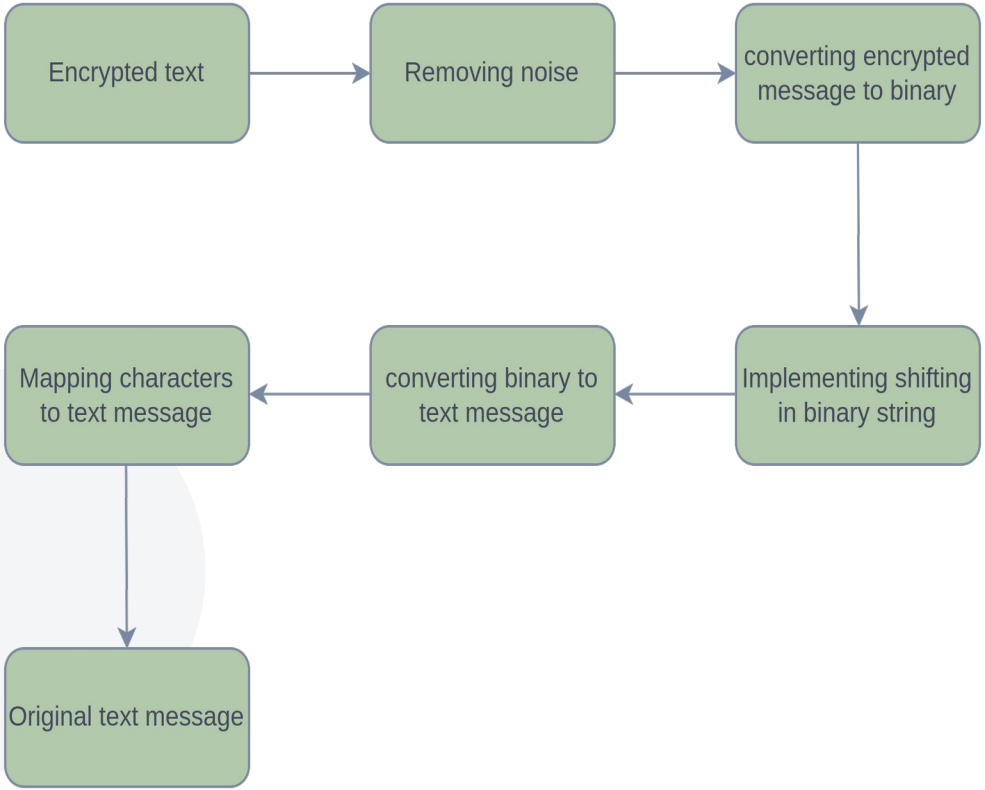
Arranged in 7-Bits :-	1000010	1111011	1101100
Ascii Values :-	***66***	***123***	***108***

Message after block shifting :- **B { l**

NOISE

Random Number Array : **{1,3,4,2,5,1,4,2,5,.....}**

DECRYPTION


Encrypted text
Removing noise
converting encrypted message to binary
Implementing shifting in binary string
converting binary to text message
Mapping characters to text message
Original text message