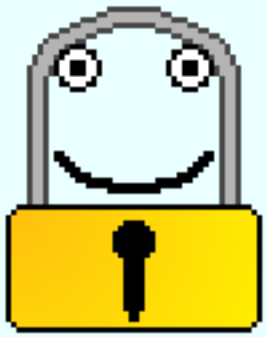

Cryptor

Overview & History:

The encryption algorithm called "Cryptor" was created by CacheZero1 in the year 2023.

The first time it was used, was in an Electron project which is now a legacy project. The project was programmed by CacheZero1 in the year 2023.

Process:

The algorithm assigns a number to each letter of the alphabet and replaces the 'x' in the formula (if present) with this number.

After that, the solution to the calculation is shortened to the point, where it's smaller than the number of available letters.

Finally, this number is used as a position (index) to receive a new letter.

Example:

Here an example using following determining factors:

- Amount of letters: 26
- Formula: ≈ ((12x ^ 2) / 26)

Letters & values	Formula solution	After shortening	New letters
A = 1	0	0	0 = A

Letters & values	Formula solution	After shortening	New letters
B = 2	2	2	2 = C
C = 3	4	4	4 = E
D = 4	7	7	7 = H
E = 5	12	12	12 = M
F = 6	17	17	17 = R
G = 7	23	23	23 = X
H = 8	30	4	
I = 9	37	11	11 = L
J = 10	46	20	20 = U
K = 11	56	4	
L = 12	66	14	14 = O
M = 13	78	0	
N = 14	90	12	
O = 15	104	0	
P = 16	118	14	
Q = 17	133	3	3 = D
R = 18	150	20	
S = 19	167	11	
T = 20	185	3	
U = 21	204	22	22 = W
V = 22	223	15	15 = P
W = 23	244	10	10 = K
X = 24	266	6	6 = G
Y = 25	288	2	
Z = 26	312	0	

The red numbers mark duplicate values. These letters get assigned the remaining letters of the alphabet, starting from A to Z. Following is visualised below:

Remaining letters: B, F, I, J, N, Q, S, T, V, Y, Z

Old letters	New letters
H	B
K	F
M	I
N	J
O	N
P	Q
R	S
S	T
T	V
Y	Y
Z	Z