Nama: Hudzaifah Al Mutaz Billah

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a = 9; $b = 50 \mod 26 = 24$

HUDZAIFAH AL MUTAZ BILLAH =

7 20 3 25 0 8 5 0 7 0 11 12 20 19 0 25 1 8 11 11 0 7

 $E(x) = a*x + b \mod 24$

 $E(H) = 9*(7) +24 \mod 26 = 9$

 $E(U) = 9*(20)+24 \mod 26 = 22$

 $E(D) = 9*(3) +24 \mod 26 = 25$

 $E(Z) = 9*(25)+24 \mod 26 = 15$

 $E(A) = 9*(0) +24 \mod 26 = 24$

 $E(I) = 9*(8) +24 \mod 26 = 18$

 $E(F) = 9*(5) +24 \mod 26 = 17$

 $E(L) = 9*(11)+24 \mod 26 = 19$

 $E(M) = 9*(12)+24 \mod 26 = 2$

 $E(T) = 9*(19)+24 \mod 26 = 13$

 $E(B) = 9*(1) +24 \mod 26 = 7$

Н	9	J
U	22	M
D	25	Z
Z	15	Р
А	24	Y
I	18	S
F	17	R
L	19	Т
M	2	С
Т	13	N
В	7	Н

9 22 25 15 24 18 17 24 9 24 19 2 22 13 24 15 7 18 19 19

24 9 = JWZPYSRYJ YT CWNYP HSTTYJ

$$D(x) = a^{-1}(x - b) \mod 26$$

$$26 = 2 * 9 + 8$$

$$9 = 1 * 8 + 1$$

$$1 = 9 - 8$$

$$1 = 9 * 3 - 26$$

$$9^{-1} = 3$$

D(J) =	3*(9	-24)	mod	26	=	7
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$$D(W) = 3*(22-24) \mod 26 = 20$$

$$D(Z) = 3*(25-24) \mod 26 = 3$$

$$D(P) = 3*(15-24) \mod 26 = 25$$

$$D(Y) = 3*(24-24) \mod 26 = 0$$

$$D(S) = 3*(18-24) \mod 26 = 8$$

$$D(R) = 3*(17-24) \mod 26 = 5$$

$$D(T) = 3*(19-24) \mod 26 = 11$$

$$D(C) = 3*(2-24) \mod 26 = 12$$

$$D(N) = 3*(13-24) \mod 26 = 19$$

$$D(H) = 3*(7-24) \mod 26 = 1$$

J	7	Н
W	20	U
Z	3	D
Р	25	Z
Y	0	А
S	8	I
R	5	F
Т	11	L
С	12	M
N	19	Т
Н	1	В

7 20 3 25 0 8 5 0 7 0 11 12 20 19 0 25 1 8 11 11 0 7

= HUDZAIFAH AL MUTAZ BILLAH