



Our first step is to encode the common letters **ETAOIN** to see what they would map to. Note that we already know the mapping for E so we don't have to do that one.

E (4)	→	$4 \times 17 + 25$	93	→	P (15)
T (19)	→	$19 \times 17 + 25$	34		K (10)
			8	→	
A (0)	→	$0 \times 17 + 25$	25	→	Z (25)
O (14)	→	$14 \times 17 + 25$	26		D (3)
			3	→	
I (8)	→	$8 \times 17 + 25$	16		F (5)
			1	→	
N (13)	→	$13 \times 17 + 25$	24		M (12)
			6	→	

Filling in the letters we found (PKZDFM) we get a bit more of the answer

F	G	J	F	M	K	P	C	H	D	V	P	T	H	Z	M	T	U	C	F	M	X	Q	P	G	Z	C	Q	P	O	F	M	Y
I	F		I	N	T	E		O	E				A	N				I	N				E	F	A			E	I	N		

This doesn't give us enough to solve it quickly do we just take the next 5 letters **SRHLD**.

S (18)	→	$18 \times 17 + 25$	33		T (19)
			1	→	
R (17)	→	$17 \times 17 + 25$	31		C (2)
			4	→	
H (7)	→	$7 \times 17 + 25$	14		O (14)
			4	→	
L (11)	→	$11 \times 17 + 25$	21		E (4)
			2	→	
D (3)	→	$3 \times 17 + 25$	76	→	Y (24)

We know the reverse mapping of 5 more letters (TCOEY) which we can fill in

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

This gives us a pretty good idea, but a few more letters are worth converting.

C (2)	→	$2 \times 17 + 25$	59	→	H (7)
			36		B (1)
U (20)	→	$20 \times 17 + 25$	5	→	
			22		V (21)
M (12)	→	$12 \times 17 + 25$	9	→	
			11		G (6)
F (5)	→	$5 \times 17 + 25$	0	→	
			28		U (20)
P (15)	→	$15 \times 17 + 25$	0	→	

Filling in these 5 more letters (HBVGU) gives us:

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

We are pretty sure J is W, X is G and Q is B, but let's check them out to confirm.

$W(22) \rightarrow 22 \times 17 + 25 = 39 \rightarrow J(9)$   
 $G(6) \rightarrow 6 \times 17 + 25 = 127 \rightarrow X(23)$   
 $B(1) \rightarrow 1 \times 17 + 25 = 42 \rightarrow Q(16)$

The mapping confirms our guess and filling them in gives us the final answer:

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

2) In the depth of winter I finally learned that there was in me an invincible summer.

**CGWXU SUHWX QATCG WUYCA CGVRR NRUVY GUSWX VWWXU**  
**INTHE DEPTH OFWIN TERIF INALL YLEAR NEDTH ATTHE**  
**YUTVJ CGFUV GCGLC GPCZR UJKFF UY**  
**REWAS INMEA NINVI NCIBL ESUMM ER**

	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
Frequency	2		8			3	8	1		2	1	1		1		1	1	4	2	2	10	5	6	4	4	1
Replacement	F	G	I	J	K	M	N	P	Q	S	U	V	X	Y	Z	C	O	L	D	W	E	A	T	H	R	B

3) Failure is the key to success; each mistake teaches us something.

.. - . - . . . . . - . . . . . - . - . - . - . . - . . . . .  
**AABAB AAAAA ABAAA ABABA BAABB BAAAA AABAA**  
**F A I L U R E**

.. - . . . - . . - . . . - . . . - . . . - . . . - . . . - . . .  
**ABAAA BAAAB BAABA AABBB AABAA ABAAB**  
**I S T H E K**

.. - . . . - . . . - . . . - . . . - . . . - . . . - . . .  
**AABAA BABBA BAABA ABBAB BAAAB BAABB**  
**E Y T O S U**

.. - . . . - . . . - . . . - . . . - . . . - . . .  
**AAABA AAABA AABAA BAAAB BAAAB AABAA**  
**C C E S S E**

.. - . . . . . . . . . . . - . . . . . - . . . . . - . . . . .  
**AAAAA AAABA AABBB ABABB ABAAA BAAAB**  
**A C H M I S**

.. - . . . - . . . . . . . . . . . - . . . - . . . - . . . - . . .  
**BAABA AAAAA ABAAB AABAA BAABA AABAA**  
**T A K E T E**

.. - . . . . . . . . . . . - . . . . . - . . . . . - . . . . .  
**AAAAA AAABA AABBB AABAA BAAAB BAABB**  
**A C H E S U**

BAAAB	BAAAB	ABBAB	ABABB	AABAA	BAABA
S	S	O	M	E	T
AABBB	ABAAA	ABBAA	AABBA		
H	I	N	G		

4) MIT VUS PEV NQB BGM

Here's how you get the answer (remember you add one Z at the end to make it a group of three letters).

$$\begin{pmatrix} Z & O & R \\ K & X & Y \\ Z & Z & Y \end{pmatrix} \begin{pmatrix} V \\ E \\ R \end{pmatrix} \equiv \begin{pmatrix} 25 & 14 & 17 \\ 10 & 23 & 24 \\ 25 & 25 & 24 \end{pmatrix} \begin{pmatrix} 21 \\ 4 \\ 17 \end{pmatrix} \equiv \begin{pmatrix} 25 \times 21 + 14 \times 4 + 17 \times 17 \\ 10 \times 21 + 23 \times 4 + 24 \times 17 \\ 25 \times 21 + 25 \times 4 + 24 \times 17 \end{pmatrix} \equiv \begin{pmatrix} 870 \\ 710 \\ 1033 \end{pmatrix} \pmod{26} \equiv \begin{pmatrix} 12 \\ 8 \\ 19 \end{pmatrix} \\ \equiv \begin{pmatrix} M \\ I \\ T \end{pmatrix}$$

$$\begin{pmatrix} Z & O & R \\ K & X & Y \\ Z & Z & Y \end{pmatrix} \begin{pmatrix} Y \\ O \\ L \end{pmatrix} \equiv \begin{pmatrix} 25 & 14 & 17 \\ 10 & 23 & 24 \\ 25 & 25 & 24 \end{pmatrix} \begin{pmatrix} 24 \\ 14 \\ 11 \end{pmatrix} \equiv \begin{pmatrix} 25 \times 24 + 14 \times 14 + 17 \times 11 \\ 10 \times 24 + 23 \times 14 + 24 \times 11 \\ 25 \times 24 + 25 \times 14 + 24 \times 11 \end{pmatrix} \equiv \begin{pmatrix} 983 \\ 826 \\ 1214 \end{pmatrix} \pmod{26} \equiv \begin{pmatrix} 21 \\ 20 \\ 18 \end{pmatrix} \\ \equiv \begin{pmatrix} V \\ U \\ S \end{pmatrix}$$

$$\begin{pmatrix} Z & O & R \\ K & X & Y \\ Z & Z & Y \end{pmatrix} \begin{pmatrix} D \\ M \\ I \end{pmatrix} \equiv \begin{pmatrix} 25 & 14 & 17 \\ 10 & 23 & 24 \\ 25 & 25 & 24 \end{pmatrix} \begin{pmatrix} 3 \\ 12 \\ 8 \end{pmatrix} \equiv \begin{pmatrix} 25 \times 3 + 14 \times 12 + 17 \times 8 \\ 10 \times 3 + 23 \times 12 + 24 \times 8 \\ 25 \times 3 + 25 \times 12 + 24 \times 8 \end{pmatrix} \equiv \begin{pmatrix} 379 \\ 498 \\ 567 \end{pmatrix} \pmod{26} \equiv \begin{pmatrix} 15 \\ 3 \\ 21 \end{pmatrix} \\ \equiv \begin{pmatrix} P \\ E \\ V \end{pmatrix}$$

$$\begin{pmatrix} Z & O & R \\ K & X & Y \\ Z & Z & Y \end{pmatrix} \begin{pmatrix} T \\ G \\ A \end{pmatrix} \equiv \begin{pmatrix} 25 & 14 & 17 \\ 10 & 23 & 24 \\ 25 & 25 & 24 \end{pmatrix} \begin{pmatrix} 19 \\ 6 \\ 0 \end{pmatrix} \equiv \begin{pmatrix} 25 \times 19 + 14 \times 6 + 17 \times 0 \\ 10 \times 19 + 23 \times 6 + 24 \times 0 \\ 25 \times 19 + 25 \times 6 + 24 \times 0 \end{pmatrix} \equiv \begin{pmatrix} 559 \\ 328 \\ 625 \end{pmatrix} \pmod{26} \equiv \begin{pmatrix} 13 \\ 16 \\ 1 \end{pmatrix} \\ \equiv \begin{pmatrix} N \\ Q \\ B \end{pmatrix}$$

$$\begin{pmatrix} Z & O & R \\ K & X & Y \\ Z & Z & Y \end{pmatrix} \begin{pmatrix} M \\ E \\ Z \end{pmatrix} \equiv \begin{pmatrix} 25 & 14 & 17 \\ 10 & 23 & 24 \\ 25 & 25 & 24 \end{pmatrix} \begin{pmatrix} 12 \\ 4 \\ 25 \end{pmatrix} \equiv \begin{pmatrix} 25 \times 12 + 14 \times 4 + 17 \times 25 \\ 10 \times 12 + 23 \times 4 + 24 \times 25 \\ 25 \times 12 + 25 \times 4 + 24 \times 25 \end{pmatrix} \equiv \begin{pmatrix} 781 \\ 812 \\ 1000 \end{pmatrix} \pmod{26} \equiv \begin{pmatrix} 1 \\ 6 \\ 12 \end{pmatrix} \\ \equiv \begin{pmatrix} B \\ G \\ M \end{pmatrix}$$

5) TEMO EL DIA EN QUE LA TECNOLOGÍA SOBREPASE NUESTRA HUMANIDAD. EL MUNDO SOLO TENDRA UNA GENERACION DE IDIOTAS.

(Translation;

I fear the day when technology surpasses our humanity. The world will only have a generation of idiots.)