

MAGIA XORNIANA DÍA UNO

INTERCAMBIAR LOS VALORES DE DOS VARIABLES, SIN USAR VARIABLES INTERMEDIAS NI TUPLAS a = 27
b = 357
a = a ^ b
b = a ^ b
a = a ^ b
assert a == 357 and b == 27

tiempo	código	а	b
0	a = A	А	
1	b = B	А	В

tiempo	código	а	b
0	a = A	А	
1	b = B a = a ^ b	А	В
2	a = a ^ b	A ⊕ B	В

tiempo	código	а	b
0	a = A	А	
1	b = B	А	В
2	a = a ^ b	A ⊕ B	В
3	b = a ^ b	A ⊕ B	$A \oplus B \oplus B$

tiempo	código	а	b	
0	a = A	А		
1	b = B	А	В	
2	a = a ^ b	A ⊕ B	В	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
3	b = a ^ b	A ⊕ B	$A \oplus B \oplus B$	X
				X€

$$\begin{cases} X \oplus X = 0 \\ X \oplus 0 = X \end{cases}$$

tiempo	código	а	b	
0	a = A	А		
1	b = B	А	В	
2	a = a ^ b	A ⊕ B	В	$X \oplus X$
3	b = a ^ b	A ⊕ B	$A \oplus B \oplus B$	₹
3		A ⊕ B	Α	\ X ⊕ 0

$$\begin{cases} X \oplus X = 0 \\ X \oplus 0 = X \end{cases}$$

tiempo	código	а	b	
0	a = A	А		
1	b = B	Α	В	
2	a = a ^ b	A ⊕ B	В	X ⊕
3	b = a ^ b	A ⊕ B	$A \oplus B \oplus B$	<
3		A ⊕ B	А	\X ⊕
4	a = a ^ b	$A \oplus B \oplus A$	Α	

$$\begin{cases} X \oplus X = 0 \\ X \oplus 0 = X \end{cases}$$

tiempo	código	а	b	
0	a = A	А		
1	b = B	Α	В	
2	a = a ^ b	A ⊕ B	В	
3	b = a ^ b	A ⊕ B	$A \oplus B \oplus B$	$\begin{cases} X \oplus X = 0 \\ X \oplus 0 = X \end{cases}$
3		A ⊕ B	А	$\bigcup_{X} \oplus U = X$
4	a = a ^ b	$A \oplus B \oplus A$	Α	
4		$B \oplus A \oplus A$	Α	

$$\begin{array}{c} X \oplus X = 0 \\ X \oplus 0 = X \end{array}$$

tiempo	código	а	b	
0	a = A	А		
1	b = B	А	В	
2	a = a ^ b	A ⊕ B	В	$\int_{X \cap X} = 0$
3	b = a ^ b	A ⊕ B	$A \oplus B \oplus B$	$\begin{cases} X \oplus X = 0 \\ Y = 0 \end{cases}$
3		A ⊕ B	А	$\int X \oplus 0 = X$
4	a = a ^ b	$A \oplus B \oplus A$	А	
4		$B \oplus A \oplus A$	А	
4		В	А	

$$\begin{array}{c}
X \oplus X = 0 \\
X \oplus 0 = X
\end{array}$$

TA-NIA-NA-NIAAAAA!

