	Row-Echelon Form
	1.) all rows which contain only zeros are at the bottem of the matrix
	1.) it a now is nonzero, the pivot of said row must be to the right of pivot above
	-> reduced now echelon:
	(.) in vow echelon
	2.) every pivot is 1
	3.) the pivot is the only wonzers in its column
	The state of the s
***	Mings-1 Trick
	- used to read out solutions x of a homogeneous system of Un. eq. Ax = 0
	- assume that A is in reduced vow-edulon form who any nows of just a
	0 × ,, # 0 * ,, # 0 * ,. #
	A= : : : : : : : : : : : : : : : : : : :
	A= : : : : : : : : : : : : : : : : : : :
7	0000.000.01**
	-> * can be any arbitrary real #
	- first nonzero entry yer row must be I and nest in column must be O
	-> the columns jij jk with pivots are standard unit vectors come ex ER" -> whe extend this matrix to be nown by adding nok nows of form:
	- whe extend this matrix to be now by adding now rows of form.
	[0.0-10.0]
	-so that the Jugonal of augmented matrix \tilde{A} contains either 1 or -1. -then, columns of \tilde{A} contain the -1 as pivols are solutions of $Ax = 0$.
	which is called the Kernel or null space
	Marillar is cruien lac letters as mail 21 and
	Example: (already in reviewlan form)
	[1 1 0 0 3 make non 1 3 0 0 5
	$A=00109 \longrightarrow \tilde{A}=0-1000 \leftarrow added$
	[0001-4] add rows 000109
	using form of places where 000 1-4
	pivots on diagonal are missing (0000) the added
	Solutions