!		Х	Υ	Z
	separator (transpose) / permute	rot90	evetem	full
	.' (transpose) / permute for	repmat	system repelem (run-length decoding)	full blanks
	specify outputs	display stack (debug)	repeletti (tuti tengui debeding)	fopen, fwrite, fclose
	specify inputs	and production (County)	char(vpa())	fopen, fread, fclose
%	comment	class	cast	typecast
&		intersect	and	bitand
;	Not used. String delimiter	()in	run-length encoding	now / clock
(	( ) assignment indexing / split ( ) reference indexing	{ } assignment indexing { } reference indexing	( ) assignment ind. with final : / split ( ) reference ind. with final :	( ) assignment ind. with initial: / split ( ) reference ind. with initial:
<i>!</i>	*	kron	matrix product	Cartesian product
+	+	conv	conv2	conv2(, 'same')
,		cos	sin	tan
- [	-	setdiff	deconv	
:	break	continue	pause	bitget
0	.l	angle predefined literals	matrix / predefined literals	unwrap
	Not used Not used	predefined literals	predefined literals	
2	Not used	predefined literals	predefined literals	
3	Not used	predefined literals	predefined literals	
4	Not used	predefined literals		
	Not used	predefined literals		
	Not used	predefined literals		
7	Not used	predefined literals		
8 9	Not used Not used	predefined literals predefined literals		
	colon (function)	linearize array	comma-separated list	bitset
	, ,	acos	asin	atan2
; <	<	min	cummin	
= [	==	isequal	strcmp	strncmp
>	>	max	cummax	anaraa
?	push "for" value / "while" index	push "for" index	answer why perms	sparse randperm
	all	all(, 1)	dec2base. Larger base, any symbols	base2dec. Larger base, any symbols
в	logical(dec2bin()-'0')	bin2dec(char(+'0'))	dec2bin	bin2dec
С		histcounts	im2col	im2col(, 'distinct')
	disp(num2str(,))	disp(num2str())	sprintf / fprintf	disp
	multiply by 2	replace elements in array		
F G	Not used. False (literal)  Paste from clipboard G (user-input)	plot	imurito / imagasa / imaga / imahaw	appearance of graphics / formet
н	Paste from clipboard H	Copy to clipboard H	imwrite / imagesc / image / imshow	appearance of graphics / format
ï	Paste from clipboard I	Copy to clipboard I		
J	Paste from clipboard J	Copy to clipboard J		
	Paste from clipboard K	Copy to clipboard K		
L	Paste from clipboard L (multi-level)	Copy to clipboard L (multi-level)	gallery	
М	Paste from clipboard M (function-input)	mode	N-N	
N	stack size zeros	nchoosek (first input: array) datestr	NaN datenum	isnan datevec
	flip	flipud	pi	pdist2
	increment by 1	accumarray	Pi	polyval
R	triu	triu(,1)	tril	tril(,-1)
	sort	sortrows	circshift	sign
	Not used. True (literal)		toeplitz	
	str2num / string to array	str2double		
	num2str 2 raised to input			
	Not used	regexp	regexprep	
	Not used		inf	isinf
z [	Not used			
[ ]	Not used. Array delimiter	ind2sub		
١	moa			
1	and (loops or conditional branches)	mod(1)+1	matrix \	
,	end (loops or conditional branches)	sub2ind		Cartesian product
^			matrix \ matrix ^	Cartesian product
^	.^	sub2ind sqrt while	matrix ^	toc
^ <del>-</del> a	.^ unary minus dowhile any	sub2ind sqrt	matrix ^ tic padarray	
^ - a b	.^ unary minus dowhile any bubble	sub2ind sqrt while any(, 1)	matrix ^ tic padarray strsplit	toc base2base
^ — abc	.^ unary minus dowhile any bubble char (also for cell array)	sub2ind sqrt while any(, 1) cat	matrix ^ tic padarray strsplit stroat	toc base2base strjoin
^ _ a b c d	.^ unary minus dowhile any bubble char (also for cell array) diff	sub2ind sqrt while any(, 1)	matrix ^ tic padarray strsplit	toc base2base strjoin gcd
^ _ a b c d e f	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find	sub2ind sqrt while any(, 1) cat	matrix ^ tic padarray strsplit stroat	toc base2base strjoin
^ _ a b c d e f	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat	sub2ind sgrt while any(, 1) cat diag / spdiags strfind ndgrid	matrix ^ tic padarray strsplit streat blkdiag factor	toc base2base strjoin gcd exp gammaIn
^ _ abcdefgh	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {}	matrix ^ tic padarray strsplit strcat blkdiag factor hankel	toc base2base strjoin gcd exp
^ _ abcdefghi	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread	matrix ^ tic padarray strsplit strcat blkdiag factor hankel imread	toc base2base  strjoin gcd exp gammain hypergeom
^ _ abcdefghij	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s')	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real	matrix ^ tic padarray strsplit strcat blkdiag factor hankel imread imag	toc base2base strjoin gcd exp gammaIn
^ _ abcdefghijk	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread	matrix ^ tic padarray strsplit strcat blkdiag factor hankel imread	toc base2base  strjoin gcd exp gammain hypergeom
^ _ abcdefghijkIm	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real upper / ceil ismember(,'rows')	matrix ^ tic padarray strsplit stroat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean	toc base2base  strjoin gcd exp gammaIn hypergeom conj
^ _ abcdefghijkImn	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel	sub2ind sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil ismember(,rows') nchoosek (first input: numbers)	matrix ^  tic padarray strsplit strcat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean interp1	toc base2base  strjoin gcd exp gammaIn hypergeom conj log2 lcm norm / det
^ _ abcdefghijkImno	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input input, injut(,'s') lower / floor ones ismember numel double / cell array to numeric array	sub2ind sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil ismember(,'rows') nchoosek (first input: numbers) int64	matrix ^  tic padarray strsplit strcat blkdiag  factor  hankel imread imrag closest values log. With two inputs, specifies base mean interp1 round / change case	toc base2base  strjoin gcd exp  gammaIn hypergeom conj log2 lcm norm / det fix
^ _ abcdefghijkImnop	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,s') lower / floor ones ismember numel double / cell array to numeric array prod	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real upper / ceil ismember(,'rows') nchoosek (first input: numbers) int64 prod(, 1,)	matrix ^ tic padarray strsplit stroat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod	toc base2base  strjoin gcd exp gammaIn hypergeom conj log2 lcm norm / det fix isprime / totient function
^ _ abcdefghijkImnop	A unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input input(,s') lower / floor ones ismember numel double / cell array to numeric array prod decrement by 1	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real upper / ceil  ismember(,'rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile	matrix ^  tic padarray strsplit strcat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod n-th prime / next prime	toc base2base  strjoin gcd exp gammaIn hypergeom  conj  log2 lcm norm / det fix isprime / totient function primes
^ _ abcdef ghijkImnopqr	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,s') lower / floor ones ismember numel double / cell array to numeric array prod	sub2ind sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil ismember(,'rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile randn	matrix ^ tic padarray strsplit stroat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod	toc base2base  strjoin gcd exp gammaIn hypergeom conj log2 lcm norm / det fix isprime / totient function
^ _ abcdef ghijkImnopqr	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel double / cell array to numeric array prod decrement by 1 rand	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real upper / ceil ismember(,'rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile randn sum(, 1,)	matrix ^  tic padarray strsplit strsplit streat blkdiag  factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod n-th prime / next prime randi	toc base2base  strjoin gcd exp gammaln hypergeom  conj log2 lcm norm / det fix isprime / totient function primes randsample std strrep
^ _ abcdef ghijkImnopqrst u	A unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel double / cell array to numeric array prod decrement by 1 rand sum duplicate elements unique	sub2ind sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil ismember(,'rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile randn sum(, 1,)	matrix ^  tic padarray strsplit strcat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod n-th prime / next prime randi cumsum	toc base2base  strjoin gcd exp  gammaIn hypergeom  conj  log2 lcm norm / det fix isprime / totient function primes randsample std strep stripst
^ _ abcdef ghi jkl mnopqrst uv	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input input input input ones ismember numel double / cell array to numeric array prod decrement by 1 rand sum duplicate elements unique vertcat	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real upper / ceil ismember(,'rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile randn sum(, 1,)	matrix ^  tic padarray strsplit strsplit streat blkdiag  factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod n-th prime / next prime randi	toc base2base  strjoin gcd exp gammaln hypergeom  conj log2 lcm norm / det fix isprime / totient function primes randsample std strrep
^ _ abcdef ghi jkl mnopqrst uvw	A unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input input(,s') lower / floor ones ismember numel double / cell array to numeric array prod decrement by 1 rand sum duplicate elements unique vertcat swap	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} uriread real upper / ceil ismember(,'rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile randn sum(, 1,) unique('rows') remove all blanks	matrix ^  tic padarray strsplit strcat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod n-th prime / next prime randi cumsum	toc base2base  strjoin gcd exp  gammaIn hypergeom  conj  log2 lcm norm / det fix isprime / totient function primes randsample std strep stripst
^ _ abcdefghijkImnopqrstuvwx	A unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel double / cell array to numeric array prod decrement by 1 rand sum duplicate elements unique vertcat swap delete from stack	sub2ind sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urifread real upper / ceil  ismember(,rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile randn sum(, 1,) unique('rows') remove all blanks clc	matrix ^  tic padarray strsplit strcat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod n-th prime / next prime randi cumsum	toc base2base  strjoin gcd exp  gammaIn hypergeom  conj  log2 lcm norm / det fix isprime / totient function primes randsample std strep strjust deblank
^ _ abcdef ghijkl mnopqrst uvwxy	.^ unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel double / cell array to numeric array prod decrement by 1 rand sum duplicate elements unique vertcat swap delete from stack duplicate element	sub2ind sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil ismember(,'rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile randn sum(, 1,) unique('rows') remove all blanks  clc eye	matrix ^  tic padarray strsplit strcat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod n-th prime / next prime randi cumsum	toc base2base  strjoin gcd exp  gammaIn hypergeom  conj  log2 lcm norm / det fix isprime / totient function primes randsample std strep stripst
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^ _ abcdef ghi jkl mnopqrst uvwxyz{	A unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input input(,'s') lower / floor ones ismember numel double / cell array to numeric array prod decrement by 1 rand sum duplicate elements unique vertcat swap delete from stack duplicate element nnz	sub2ind sqrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real upper / ceil ismember(,'rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile randn sum(, 1,) unique('rows') remove all blanks  clc eye nonzeros	matrix ^ tic padarray strsplit stroat blkdiag factor hankel imread imag closest values log. With two inputs, specifies base mean interp1 round / change case cumprod n-th prime / next prime randi cumsum  strtrim	toc base2base  strjoin gcd exp  gammaIn hypergeom  conj  log2 lcm norm / det fix isprime / totient function primes randsample std strrep strriust deblank  size  mat2cell(x,ones(size(x,1),1),size(x,2)) bitor
^ _ abcdef ghijkImnopqrstuvwxyz{  }	A unary minus dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,s') lower / floor ones ismember numel double / cell array to numeric array prod decrement by 1 rand sum duplicate elements unique vertcat swap delete from stack duplicate element nnz Not used. Cell array delimiter	sub2ind sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real upper / ceil ismember(,rows') nchoosek (first input: numbers) int64 prod(, 1,) quantile randn sum(, 1,) quinque('rows') remove all blanks  clc eye nonzeros num2ceil	matrix ^  tic padarray strsplit strcat blkdiag  factor hankel imread imag closest values losest values mean interp1 round / change case cumprod n-th prime / next prime randi cumsum  strtrim  hypot mat2cell	toc base2base  strjoin gcd exp gammaIn hypergeom  conj  log2 lcm norm / det fix isprime / totient function primes randsample stid strrep strjust deblank  size  mat2cell(x,ones(size(x,1),1),size(x,2))