		X	Υ	Z
	separator .' (transpose) / permute	rot90	system	full
	for	repmat	repelem (run-length decoding)	blanks
	specify outputs	display stack (debug)		fopen, fwrite, fclose
\$ %	specify inputs comment	class	char(vpa())	fopen, fread, fclose typecast
	alternative default input/output spec	intersect	and	bitand
	Not used. String delimiter		run-length encoding	now / clock
(	( ) assignment indexing / split	{ } assignment indexing	( ) assignment ind. with final : / split	( ) assignment ind. with initial : / split
) *	( ) reference indexing	{ } reference indexing kron	( ) reference ind. with final : matrix product	( ) reference ind. with initial :  Cartesian product
+	+	MOII	conv2	conv2(, 'same')
,		cos	sin	tan
-	- break	setdiff continue	deconv pause	bitget
;	J	angle	matrix /	unwrap
	Not used	predefined literals	predefined literals	
1	Not used	predefined literals	predefined literals	
2	Not used Not used	predefined literals predefined literals	predefined literals predefined literals	
4	Not used	predefined literals		
	Not used	predefined literals		
6 7	Not used Not used	predefined literals predefined literals		
8	Not used	predefined literals		
9	Not used	predefined literals		
:	colon (function)	linearize array acos	comma-separated list asin	bitset atan2
, <	<	min	cummin	u.u.i.L
=	==	isequal	strcmp	strncmp
>	; <b>t</b>	max	cummax	anama
? @	push "for" value / "while" index	push "for" index	why perms	sparse randperm
Α	all	all(, 1)	dec2base. Larger base, any symbols	base2dec. Larger base, any symbols
В	logical(dec2bin()-'0')	bin2dec(char(+'0'))	dec2bin	bin2dec
C D	disp(num2str(,))	histcounts disp(num2str())	im2col sprintf / fprintf	im2col(, 'distinct') disp
E	multiply by 2	replace elements in array	орина / трина	uiop
F [	Not used. False (literal)		exponents of prime factorization	
G H	Paste from clipboard G (user-input)	plot	imwrite / imagesc / image / imshow	appearance of graphics / format
7	Paste from clipboard H Paste from clipboard I	Copy to clipboard H Copy to clipboard I	col2im	
J	Paste from clipboard J	Copy to clipboard J		
ĸ	Paste from clipboard K	Copy to clipboard K	gollon	
L M	Paste from clipboard L (multi-level) Paste from clipboard M (function-input)	Copy to clipboard L (multi-level) mode	gallery	
N	stack size	nchoosek (array)	NaN	isnan
0	zeros	datestr	datenum	datevec
P Q	flip increment by 1	flipud accumarray	pi	pdist2 polyval / roots / polyfit
R R	triu	triu(,1) / build matrix	tril	tril(,-1) / build matrix
s	sort	sortrows	circshift	sign
T U	Not used. True (literal)	str2double	toeplitz	
v	str2num / string to array / square num2str	SUZUOUDIC	1	
w	2 raised to input			
X	Not used	regexp	regexprep	isinf
Y Z	Not used Not used		inf	isinf
[	Not used. Array delimiter	ind2sub		
	mod	mod(1)+1	matrix \	
,	end (loops or conditional branches)	sub2ind		
			matrix ^	Cartesian power
_ !	unary minus	sqrt	matrix ^	Cartesian power
<del>,</del>	dowhile	sqrt while	tic	toc
а	dowhile any	sqrt	tic padarray	·
a b c	dowhile	sqrt while any(, 1) cat	tic padarray strsplit strcat	toc
a b c d	dowhile any bubble char (also for cell array) diff	sqrt while any(, 1)	tic padarray strsplit	toc base2base strjoin gcd
a b c d	dowhile any bubble char (also for cell array) diff reshape / squeeze	sgrt while any(, 1) cat diag / spdiags	tic padarray strsplit strcat blkdiag	toc base2base strjoin
a b c d e f	dowhile any bubble char (also for cell array) diff	sqrt while any(, 1) cat	tic padarray strsplit strcat	toc base2base strjoin gcd
a b c d e f g h	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {}	tic padarray strsplit stroat blkdiag factor gamma / gammainc / betainc hankel	toc base2base strjoin gcd exp
a b c d e f g h i	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input	sgrt while any(, 1) cat diag / spdiags strfind ndgrid {} urfread	tic padarray strsplit strcat blkdiag factor gamma / gammainc / betainc hankel imread	toc base2base  strjoin gcd exp gammain / betain hypergeom
a b c d e f g h i j	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {}	tic padarray strsplit stroat blkdiag factor gamma / gammainc / betainc hankel	strjoin gcd exp gammaln / betaln
a b c d e f g h i j k l	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil	tic padarray strsplit strlatia blkdiag factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base	strjoin gcd exp gammain / betain hypergeom conj
a b c d e f g h i j k I m	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember	sgrt  while any(, 1) cat diag / spdiags  strfind ndgrid {} urfread real upper / ceil ismember(,'rows')	tic padarray strsplit strcat blkdiag  factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean	strjoin gcd exp gammaln / betaln hypergeom conj
a b c d e f g h i j k I m	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil	tic padarray strsplit strlatia blkdiag factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base	toc base2base  strjoin gcd exp  gammain / betain hypergeom conj
a b c d e f g h i j k l m n o p	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil  ismember(,'rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,)	tic padarray strsplit strcat blkdiag  factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cumprod	strjoin gcd exp gammain / betain hypergeom conj log2 lcm fix isprime / totient function
abcdef ghijklmnop	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil ismember(,rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile	tic padarray strsplit strcat blkdiag  factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cumprod n-th prime / next prime	strjoin gcd exp gammain / betain hypergeom conj log2 lcm fix isprime / totient function primes
abcdef ghijkl mnopqr	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1 rand	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil  ismember(,'rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile randn	tic padarray strsplit strsplit strkdiag factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cunth prime / next prime randi	toc base2base  strjoin gcd exp  gammaln / betaln hypergeom  conj  log2 lcm  fix isprime / totient function primes randsample
a b c d e f g h i j k l m n o p q r s	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil  ismember(,rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile randn sum(, 1,)	tic padarray strsplit strcat blkdiag  factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cumprod n-th prime / next prime	strjoin gcd exp gammain / betain hypergeom conj log2 lcm fix isprime / totient function primes
a b c d e f g h i j k l m n o p q r s t u	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1 rand sum duplicate elements unique	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil  ismember(,'rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile randn	tic padarray strsplit strsplit strcat blkdiag factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cu-th prime / next prime randi cumsum	toc base2base  strjoin gcd exp  gammaln / betain hypergeom  conj  log2 icm  fix isprime / totient function primes randsample std / cov strrep stripst
a b c d e f g h i j k l m n o p q r s t u v	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1 rand sum duplicate elements unique vertcat	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil  ismember(,rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile randn sum(, 1,)	tic padarray strsplit strsplit strkdiag factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cunth prime / next prime randi	strjoin gcd exp gammaln / betain hypergeom conj log2 lcm fix isprime / totient function primes randsample std / cov strrep
abcdefghiklmnopgrætuvw	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1 rand sum duplicate elements unique	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil  ismember(,rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile randn sum(, 1,)	tic padarray strsplit strsplit strcat blkdiag factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cu-th prime / next prime randi cumsum	toc base2base  strjoin gcd exp  gammaln / betain hypergeom  conj  log2 icm  fix isprime / totient function primes randsample std / cov strrep stripst
abcdefghijkImnopgrstuvwxy	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1 rand sum duplicate elements unique vertcat swap delete from stack duplicate element	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real upper / ceil  ismember(, 'rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile randn sum(, 1,) unique(,'rows')	tic padarray strsplit strsplit strcat blkdiag factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cu-th prime / next prime randi cumsum	toc base2base  strjoin gcd exp  gammaln / betain hypergeom  conj  log2 icm  fix isprime / totient function primes randsample std / cov strrep stripst
abcdefghijkImnopqrstuvwxyz	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1 rand sum duplicate elements unique vertcat swap delete from stack duplicate element nnz	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil ismember(,'rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile randn sum(, 1,) unique('rows')	tic padarray strsplit strsplit strsdat blkdiag  factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cumprod n-th prime / next prime randi cumsum  eig / svd / strtrim	strjoin gcd exp gammaln / betain hypergeom conj log2 lcm fix isprime / totient function primes randsample std / cov strrep strjust deblank
abcdefghijkImnopqrstuvwxyz{	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1 rand sum duplicate elements unique vertcat swap delete from stack duplicate element	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {,} urlread real upper / ceil  ismember(, 'rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile randn sum(, 1,) unique(,'rows')	tic padarray strsplit strsplit strkdiag factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cumprod roth prime / next prime randi cumsum	toc base2base  strjoin gcd exp  gammaln / betaln hypergeom  conj  log2 lom  fix isprime / totient function primes randsample std / cov strrep strjust deblank
abcdefghi kimnopgrstuvwxyz{  }	dowhile any bubble char (also for cell array) diff reshape / squeeze find logical / cell2mat horzcat input input(,'s') lower / floor ones ismember numel / size double / cell array to numeric / parity prod decrement by 1 rand sum duplicate elements unique vertcat swap delete from stack duplicate element nnz Not used. Cell array delimiter	sgrt  while any(, 1)  cat diag / spdiags  strfind ndgrid {} urlread real upper / ceil ismember(,'rows') nchoosek (numbers) / multinomial c. int64 prod(, 1,) quantile randn sum(, 1,) unique('rows')  unique('rows')	tic padarray strsplit strcat blkdiag  factor gamma / gammainc / betainc hankel imread imag closest values log. With two inputs, specifies base mean poly / interp1 round / change case cumprod n-th prime / next prime randl cumsum  eig / svd / strtrim  hypot mat2cell	strjoin gcd exp gammaln / betaln hypergeom conj log2 lcm fix isprime / totient function primes randsample stid / cov strrep strjust deblank size mat2cell(x,ones(size(x,1),1),size(x,2))