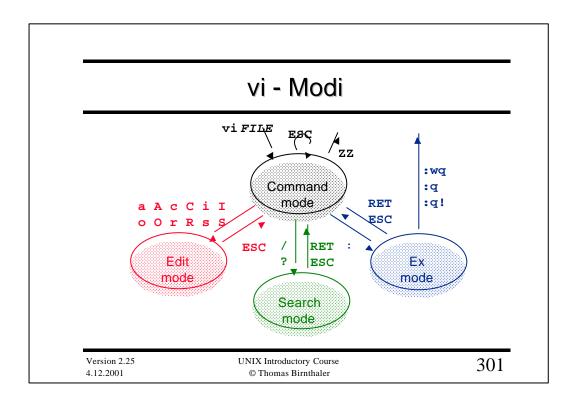


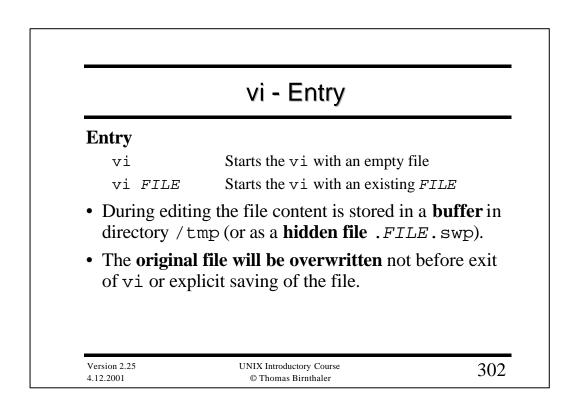
vi - Modi

• To **return** from the other modes back to the command mode, the following input has to be given: \rightarrow Stops edit mode ESC ┛ \rightarrow Executes command in ex / search mode \rightarrow Stops ex / search mode ESC vi ↓ \rightarrow Stops open mode • **Open mode** is automatically switched on when: – No disk space for a temporary copy of the edited file. - No / wrong terminal variable \$TERM set. Version 2.25 UNIX Introductory Course 300

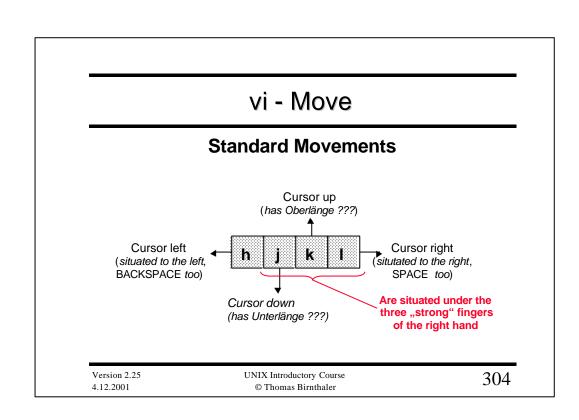
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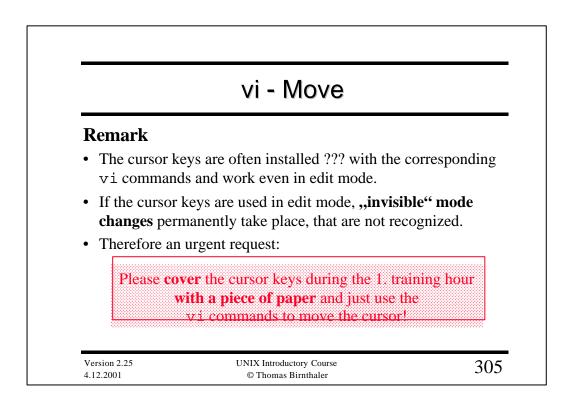
4.12.2001





	vi - Exit
Exit	
٠q	Exits vi, if no changes have been done (<u>q</u>uit).
:di	As above, any changes are ignored (<u>q</u>uit).
:wd	<u>W</u>rite (changed) file and exit vi (<u>q</u>uit).
Save file	during edit ???
:w	Write changed text to file, but don't exit vi.

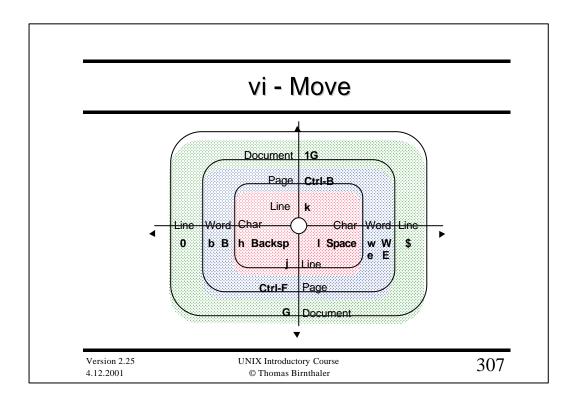


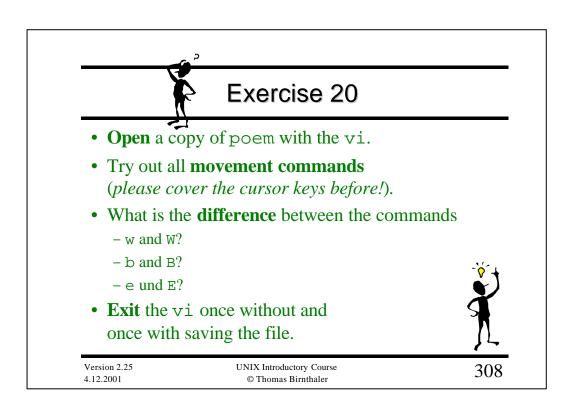


vi - Move

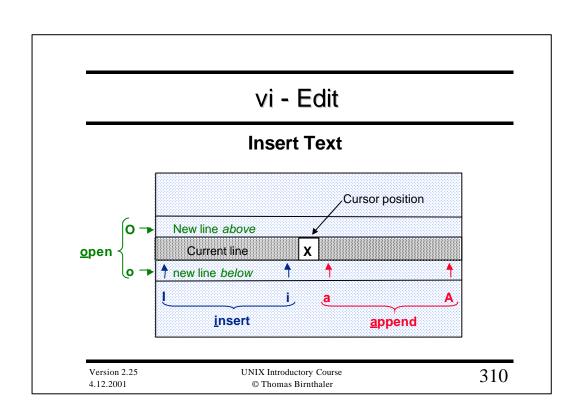
Further cursor movements

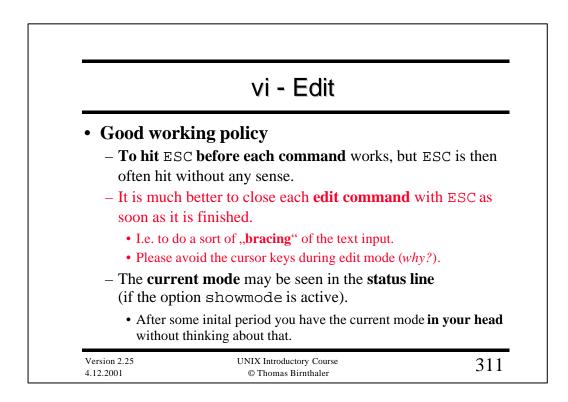
I ultiller cursor			
w W	Wordwise forward (<u>w</u> ord)		
b B	Wordwise back (<u>backword</u>)		
e E	Wordwise to the end of word (<u>e</u>ndword)		
0\$	To start / end of line (zero!)		
Ctrl-F	One page down (<u>f</u> orward)		
Ctrl-B	One page up (<u>b</u>ackward)		
1g g <i>nn</i> g	Skip to start of file / end of file /		
	line number NN (go)		
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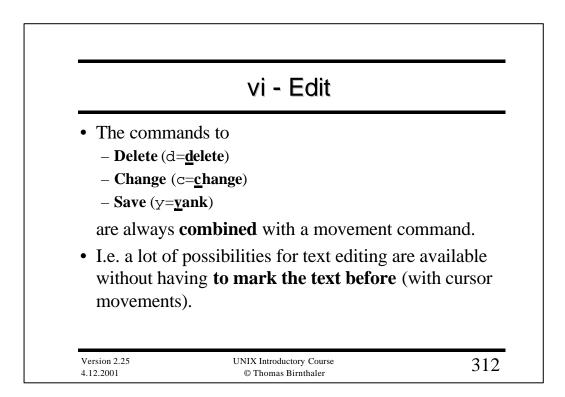




Insert text		
a	A	<u>Appends</u> text after the cursor position (a) resp. at the end of the current line (A).
i	I	Inserts text before the cursor position (i) resp. at the start of the current line (I).
0	0	Opens a new (empty) line below (0) resp. above (0) the current line, where text may inserted then.



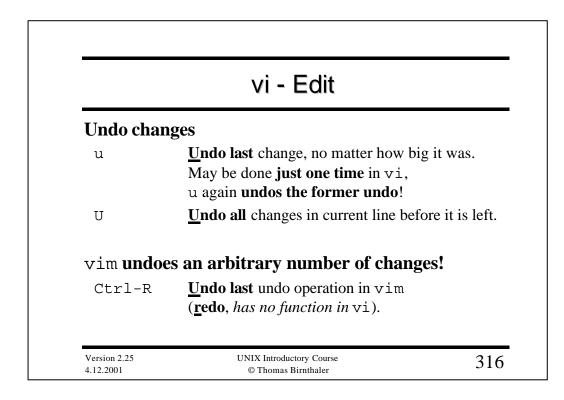




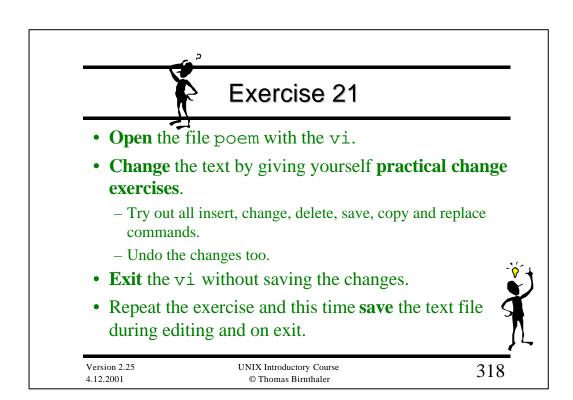
	vi - Edit		
Delete (and save) text (cut & paste)			
х	Delete character under cursor (crossout).		
dw	Delete from cursor to next start of word .		
d\$	D elete from cursor to end of line.		
dd	Delete current line.		
dG d1G	D elete from current line to end / start of file (go)		
d <i>MOVE</i>	Delete according to <i>MOVE</i> command.		
рΡ	Insert deleted Text (put, paste).		

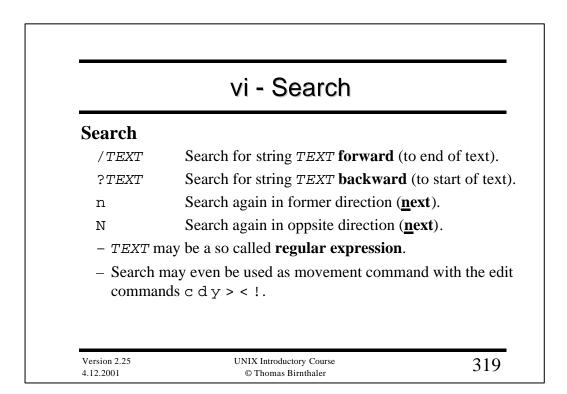
	vi - Edit	
Save text and insert it again (copy & paste)		
уb	Save from cursor to previous word (<u>vank backword</u>).	end
у0	Save from cursor to start of line (va	ank).
Зуу	Save next 3 lines (yank line).	
<i>yMOVE</i>	Save according to <i>MOVE</i> command	d (<u>y</u> ank).
рР	Insert saved text before / after the or line (put, paste), depending on character or a line has been saved	
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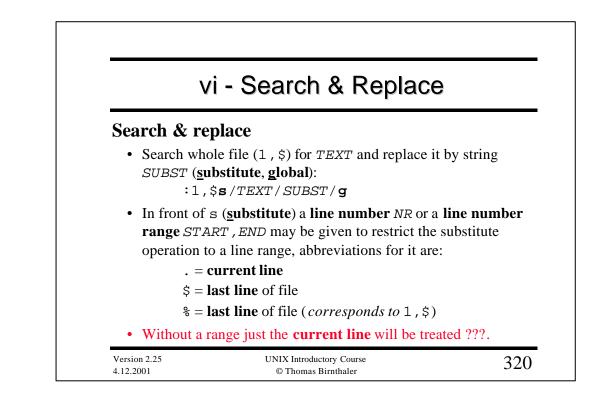
	vi - Edit	
Replace text		
R	<u>Replace</u> from current character by keyed in text.	
r	<u>Replace</u> current character by 1 char (<i>no</i> ESC!).	
CW	<u>Change</u> current <u>w</u>ord from cursor to word end.	
с\$	<u>Change</u> from cursor to end of line.	
CC	<u>Change</u> current line.	
cG clG	<u>C</u>hange from current line to end / start of file (go)	
c <i>MOVE</i>	<u>C</u>hange according to <i>MOVE</i> command.	

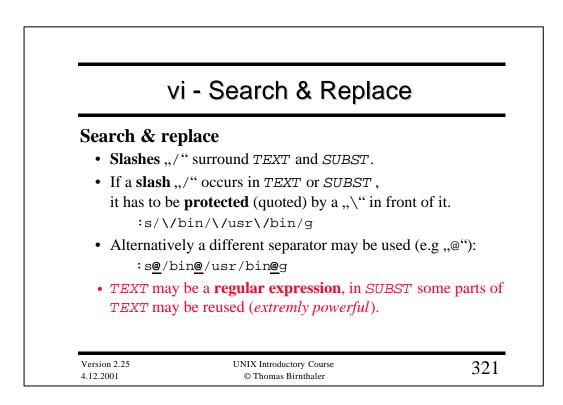


	vi -	Edit	
Repetition of c	ommands		
• A command r	nay be repeat	e d by key	ying in a repetition
number in fro	ont of it.		
8x		(delet	te 8 characters)
3dd		(delet	te 3 lines)
5cw TEX	T ESC	(chan	ge 5 words)
• The last edit	command may	y be rep e	eated by a dot ".".
dd			(delete line)
Р			(paste text)
CW TEXT	ESC .		(change word)









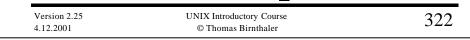


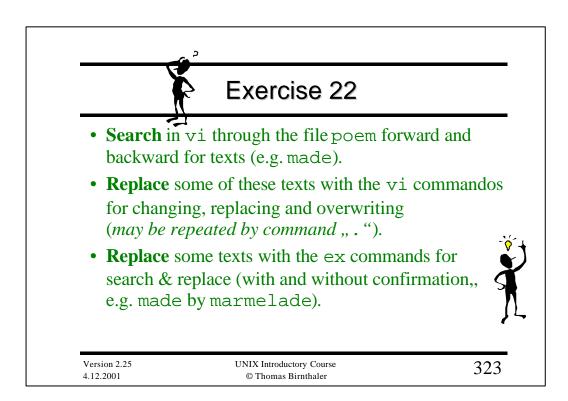
Search & replace

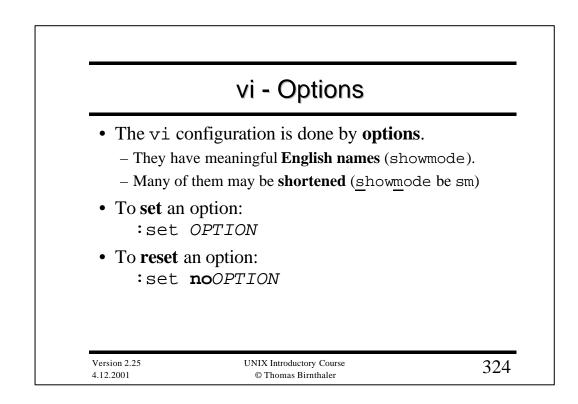
- If g (**global**) is missing at the end, the substitution will take place just **1 time** per line (at first occurence of *TEXT*).
- If a number *n* (max. 512) at the end is given, just the *n*th occurence of *TEXT* will be substituted.

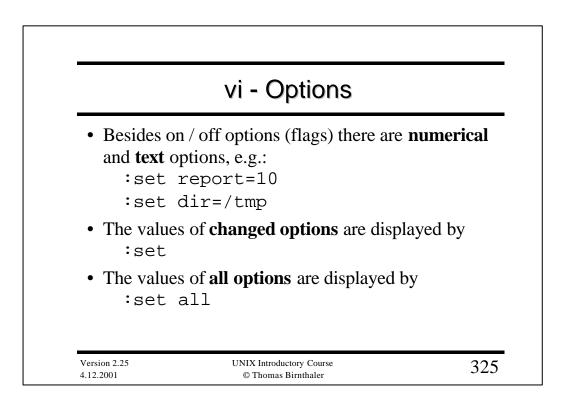
Confirm replacement

- To search the whole file (1, \$) for TEXT, mark fitting texts (with ^^^ below) and replace them by SUBST if confirmed with y (yes) :
 - :1,\$s/TEXT/SUBST/g**c**







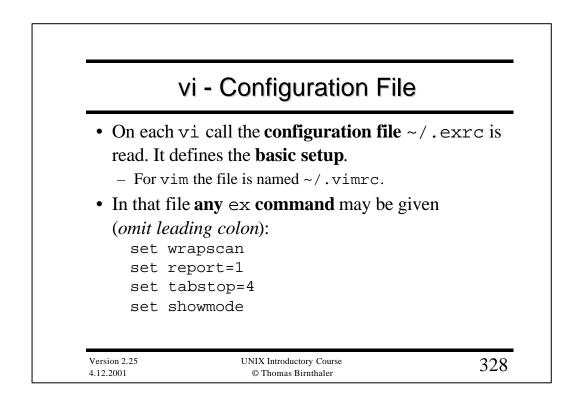


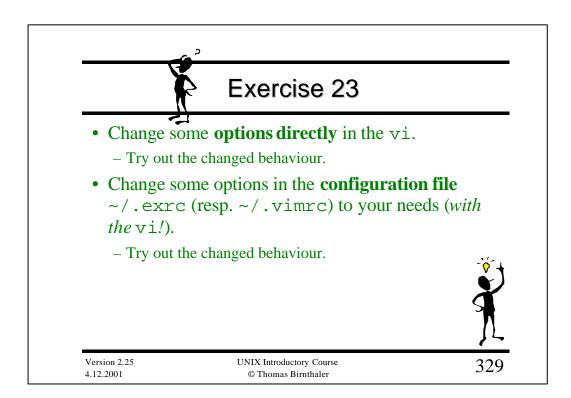
vi - Options

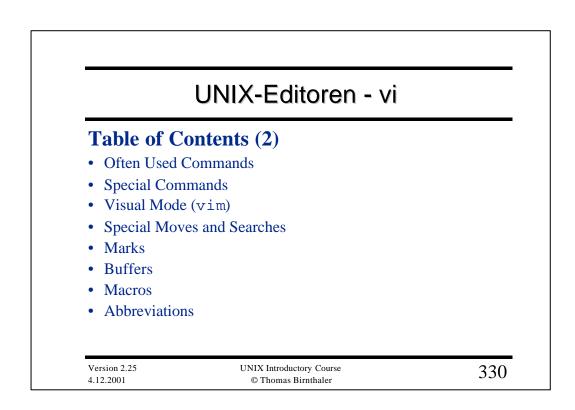
• The most important options:

Po		
ignorecase	Ignore UPPER / lower case during se	earch
list	Show tabulators and newlines	
number	Show lines with leading line number	rs
report=NN	Show number of changed lines from NN	
	lines on in status line	
showmode	Show vi mode in status line	
wrapmargin=	<i>NN</i> Insert line breaks automatically characters before end of line (0= <i>no</i> b)	
wrapscan	Continue search around text start / en	ıd
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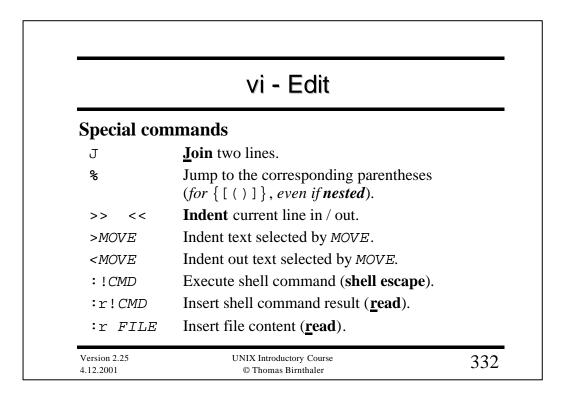
vi	- Options
Options for programmers:	
autoindent	Indent automatically (Ctrl-D/T)
showmatch	Show opening parentheses on inpu
	of closing one
tabstop= <i>N</i> N	Set tabulator width NN
shiftwidth=NN	Set tabulator width <i>NN</i> for later indenting with ,,>>" and ,,<<"
• Exception (to be us	ed without set):
:syntax on	Switch syntax coloring on (vim!)

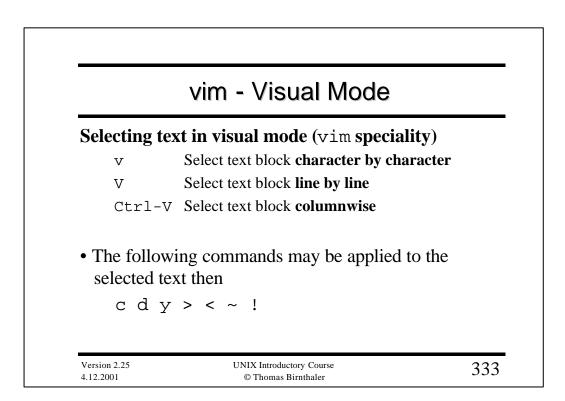






vi - Edit		
Often used commands		
•	Repeat last edit command (very helpful!).	
~	Switch UPPER / lower case of current character	
xp	Exchange 2 characters (crossout + <u>p</u> ut).	
ddp	Exchange 2 lines (<u>d</u> elete line + <u>p</u> ut)	
dwwP	Exchange 2 words (<u>delete word + word + Put</u>)	
deep	Same (start at blank before first word)	
Х	Same as BACKSPACE (crossout)	

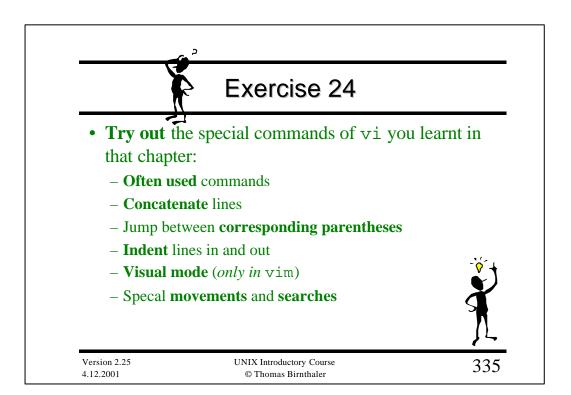


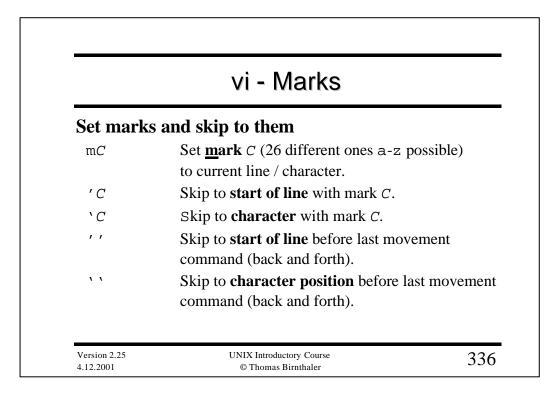


vi - Move

Special Moves and Searches

H M L	Set cursor on start of the first (h	ome) /
	<u>m</u>iddle / <u>last</u> line of the screen.	
t <i>C</i> TC	Search character <i>C</i> forward / bac	
	(set cursor before / behind the c	ch., <u>t</u>o).
fC FC	Search character C forward / bac	ckward
	(set cursor on the found charact	er, <u>f</u> ind).
NN	Skip to column NN (Pipe!).	
*	Set cursor on 1. "true" character	of a line.
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vi - Buffer Save to / insert from named buffers		
" <i>C</i> d <i>MOVE</i>	Cut selected text to buffer <i>C</i> (<u>d</u>elete).	
" <i>C</i> p	Insert text in buffer <i>C</i> after current line / cursor position (put).	
" <i>C</i> P	Insert text in buffer <i>C</i> before current line / curson position (Put).	

