

1 & 2

***** T E C O C O M M A N D S *****
 DEFAULT VALUE OF NUMERIC ARGUMENTS IN []:
 c1=0, c2=2, l=1(except in S, :S, R, :R), c=0, n=1,
 r=1(except in < ... >), w=1

```

    ERs   External Read
    1 EWs  External Write
  [c1,c2] EWs
    1 EOs  External Overwrite
  [c1,c2] EOs
    [c] J   Jump to the position c
    [n] C   advance n Characters
    [l] L   advance l Lines
    [l] :L  lL-C
    [l] T   Type out
    c1,c2 T
  [[l1,l2]] V View: equivalent to 'l-l1T :T/$$/ 12T'
                default: l1=1, l2=l1
    [n] D   Delete n characters
    [l] K   Kill
    c1,c2 K
    [l] :K  Kill one less(l>0) or one more(l<=0) newline than lK does.
    Is     Insert string
  [r,le] I  Insert chr(e) r times
  [[l,ln] Ss Search n times within the range l (if specified)
  [[l,ln] :Ss Search and return signal: success...-1; fail...0
  [[l,ln] Rsls2 Replace
  [[l,ln] :Rsls2 Replace and return signal
    [l] Xq  eXtract string from the buffer
    c1,c2 Xq
    Gq     Get string from Q-register q
    :Iqs   Insert s into Q-register q
    :Ts    Type s on the terminal
  [r,le] :T Type chr(e) r times
  [x] Uq   Update: x=9999999 unless specified
  x,y Uq   do yUq and return x
  [r] < ... > execute ... r times: r=9999999 unless specified
    f ;    exit from the loop when f>=0
    =     type out a newline
    x =   type out x followed by a space
    x,w = write(x:w)
    ET    External cTime
    EQ    External Quit
  [x1,y1] Mqsls2...ss Macro call
    :Xq   get the next string argument and store it into q
    [q   push
    [q   pop
    x "C ... : ' .... ' if chr(x) is alphanumeric then ... else .... fi
                          (else part(:' ....) is optional.)
  [x1,y1] "E ... : ' .... ' if x=y then ... else .... fi
                          (y=0 unless specified.)
                          ("N --> x<>y; "G --> x>y; "L --> x<y;
                          ":G --> x)=y; ":L --> x<=y)
    Os    go to s
    !label! label or comment
    c' A   return character code: not Ascii but EBCDIK
    #     read decimal number to the right of .
  [x1,w] # insert decimal representation
    :Wq   Wait for a line from the terminal
  [x1,y1] W Wipe out its arguments
                (\, $, and newline have the same effect as W.)
    ?    trace on
    ??   trace off
    @    errorset mode on
    @@   errorset mode off

```

***** NUMERIC ARGUMENTS *****

```

c1,c2 absolute range
l      (1) top of l'th line from the current position
        e.g. l=-1...previous line, l=0...current line, l=1...next line
        (2) range between the current position and the location
            specified by l(1)
c      absolute location
c'     relative location
n      (direction) * (iteration factor)
        direction = 1 ...forward, direction = -1 ...backward
r      iteration factor (r>=0)
w      width of the field
e      EBCDIK code (0 <= e <= 255)
f      exit condition (exit when f>=0)
x,y    no special meaning

```