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/* REXX */

ADDRESS ISREDIT "MACRO"
ADDRESS ISREDIT "(totline) = LINENUM .ZLAST"
ADDRESS ISREDIT "NUM OFF"

i=1
procedure_division_found = 'No'

/* this loop is to skip the lines till procedure division */
do while (procedure_division_found ^= 'Yes')
  ADDRESS ISREDIT "(curline) = LINE "i""
  slen = length(curline)
  if (substr(curline,8,18) ^= 'PROCEDURE DIVISION') then
    i = i + 1
  else
    procedure_division_found = 'Yes'
end

/* set the line number after procedure division */
i = i + 1

do while (i <= totline)
  ADDRESS ISREDIT "(curline) = line "i""
  current_line_length = length(curline)
  c7      = substr(curline,7,1)
  c8      = substr(curline,8,1)
  continue = (c7 = '-')
  comment  = (c7 = '*')
  other    = (c8 = ' ')

  exit. = (substr(curline,8,5) = 'exit.')
  eject = (substr(curline,8,5) = 'eject')
  skip  = (substr(curline,8,4) = 'skip')

  if (continue | comment | other | exit. | eject | skip) then
    nop
  else
    do
      actual_length = 0
      scan_current_line = 'Yes'
      j = 8 /* starting from the 8th character */

      /* this loop is to find the correct length of the line */
      do while (scan_current_line = 'Yes')
        curchar = substr(curline,j,1)
        if (curchar = ' ') then
          scan_current_line = 'No'
        else
          do
            j = j + 1
            actual_length = actual_length + 1
          end
        end
      end

      current_line_length = j
      dis = "DISPLAY '"
      fst0 = "M'."
      if substr(curline, current_line_length,8) = ' SECTION' then
        do
          curline1 = substr(curline,1,current_line_length+9) || dis
          curline2 = substr(curline,8,20) || fst0
          curline = curline1 || curline2
          address isredit "line "i" = (curline)"
        end
      end
    end
  end
end

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end
else
do
  curline1 = substr(curline,1,current_line_length) || dis
  curline2 = substr(curline,8,actual_length) || fsto
  curline = curline1 || curline2
  address isredit "line "i" = (curline)"
end
end
i = i+1
end
exit
```