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INTERGE C,KT,BUFR(72),BLANK,COMMA,SCOL,DASH,SLSH,PEROD,NW,NC,NS
REAL AWS,ASW
DATA BLANK,COMMA,SCOL,DASH,SLSH,PEROD/' ',' ',' ','-' '/' '.' /,
* NW,NC,NS,KT,C/0,0,0,73,' '/'
101 FORMAT(1H1,35X,'INPUT TEXT')
102 FORMAT(72A1)
103 FORMAT(4X,72A1)
104 FORMAT(///,26X,'NUMBER OF SENTENCES=',I8,/,19X,'AVERAGE NUMBER OF
*WORDS/SENTENCE=',F8.2,/,20X,'AVERAGE NUMBER OF SYMBOLS/WORD=',F8.2)
WRITE(6,101)
10 READ(5,102) BUFR
WRITE(6,103) BUFR
KT=KT-72
IF(C-PEROD) 20,35,20
20 C=BUFR(KT)
25 IF(C-PEROD) 40,30,40
30 NS=NS+1
NW=NW+1
KT=KT+3
IF(KT-72) 35,35,10
35 C=BUFR(KT)
IF(C-SLSH) 25,75,25
40 IF(C-BLANK) 50,45,50
45 NW=NW+1
GO TO 70
50 IF(C-COMMA) 55,70,55
55 IF(C-SCOL) 60,70,60
60 IF(C-DASH) 65,70,65
65 NC=NC+1
70 KT=KT+1
IF(KT-72) 20,20,10
75 AWS=FLOAT(NW)/NS
ASW=FLOAT(NC)/NW
WRITE(6,104) NS,AWS,ASW
CALL EXIT
END

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2.6 In the preceding program, what happens if a period occurs in column 71 or 72 of an input card? What happens if more than one blank separates two words? What happens if there are leading or trailing blanks on a line? What happens if a sentence ends with a question mark? What else happens? Rewrite the program to make it less vulnerable.