

Ans May 5.F

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B=0
DO 270 X=1 , B
IF( N/P(X).EQ.INT(X/(P(X))) ) GOTO 190
GOTO 270
B=B+1
P(B)=N
C=C+1
T(C)=N
GOTO 280
190 DO 210 M=1 , C
IF( T(M).EQ.P(X) ) GOTO 240
210 CONTINUE
C=C+1
T(C)=P(X)
240 N=N/P(X)
IF( N.EQ.1 ) GOTO 280
IF( N/P(X).EQ.INT(N/P(X)) ) GOTO 240
270 CONTINUE
280 DO 350 N=1 , C
290 WRITE(*,*) S,Y
S=S+T(M)
IF( S.GT.159 ) GOTO 340
GOTO 290
340 S=0
350 CONTINUE
Y=Y+1
IF( Y.GT.159 ) END
DO 400 M=1 , C
T(M)=0
400 CONTINUE
C=0
Z=Z+1
N=Z
410 END
```