BEGIN

Input N, a*1*, a*2*, a*3* … a*n*

Input N, a*1*, a*2*, a*3* … a*n*

Max = a*1*

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i= 1

i = 0

WHILE ( i < N )

DO

i < N

i = i+1

IF (a*i*  > Max) than Max = a*i*

END IF

i = i +1

END DO

Display Max

END

a*i* > a*1*

Max = a*i*

Display Max