BEGIN

INPUT N is the length of number consequence.

INPUT A1, A2, …AN

MAX = A1

I = 2

WHILE I <= N

DO

IF MAX < AI THEN

MAX = AI

I = I +1

END DO

DISPLAY MAX

END

TRUE

TRUE

TRUE

FALSE

FALSE

I <= N?

MAX < AI?

DISPLAY MAX

I +1

MAX = AI

I = 2

MAX = A1

INPUT A1, A2, … AN

INPUT N