N=n

Ai=aq

Input a1, a2, a3, …, an

Start\_num=a1

Chosen\_num=ak

While (start\_num=a1, an<an+1,q<=n)

Do

If ai > a(i+1)

Ai=ak

Else ai < a(i+1)

A(i+1)=ak

Aq =a(q+1)

End Do

Ai,ai+1=ak

Display ak is max

End

