Begin

Input N(a1,a2,a3,…,ai,…,an)(i<=n)

Max=a1;i=2

While(i=<n)

Do

Input(a1,…,ai,…an)(i<n)

If(ai>amax)

Then

Max=ai

Max=a1  
i=2

End If

i=i+1

End Do

No

i=<n

Output Max

End

Yes

No

Yes

Display Max

i=i+1

Max=ai

ai>Max