Begin

Input n MaxnSSSoUSSoUSD

Input a1,a2,…,an SSSoUSSoUSD

i = 2

Max=a1

i < n

Input n

Input a1, a2,…..,an

i = 2

max= a1

While (i<=n)

Do

If (ai>max) max = ai

i = i +1

End do

End

i = i + 1

i = i + 1

Max=ai

ai > Max