**Flowchart**

Input n, a[1], a[2], …, a[n]

max = a[1], i=2

Display max

False

i <= n

i++

i++

True

**True**

**False**

if(a[i]>max))

max = a[i]

**Pseudo-code**

Begin

Input n, a[1], a[2], a[3], …, a[n]

max = a[1]

i=2

While(i<=n)

Do

if(a[i]>max) max=a[i]

i++

End Do

Display max

End