Begin

Input N (a1,a2,…an) (i<=n)

A1= max

i= 2

While (i< = N)

Do

If (Ai > max) then

Ai = max

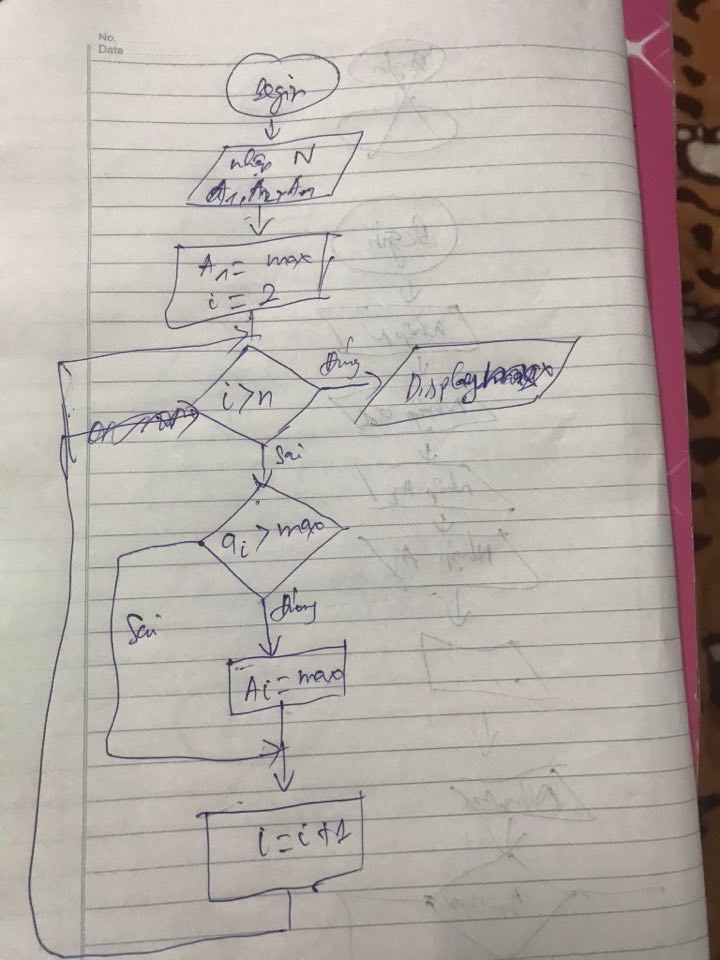
End if

i= i +1

end do

output( max)

end

i= i +1

end if

End Do

end