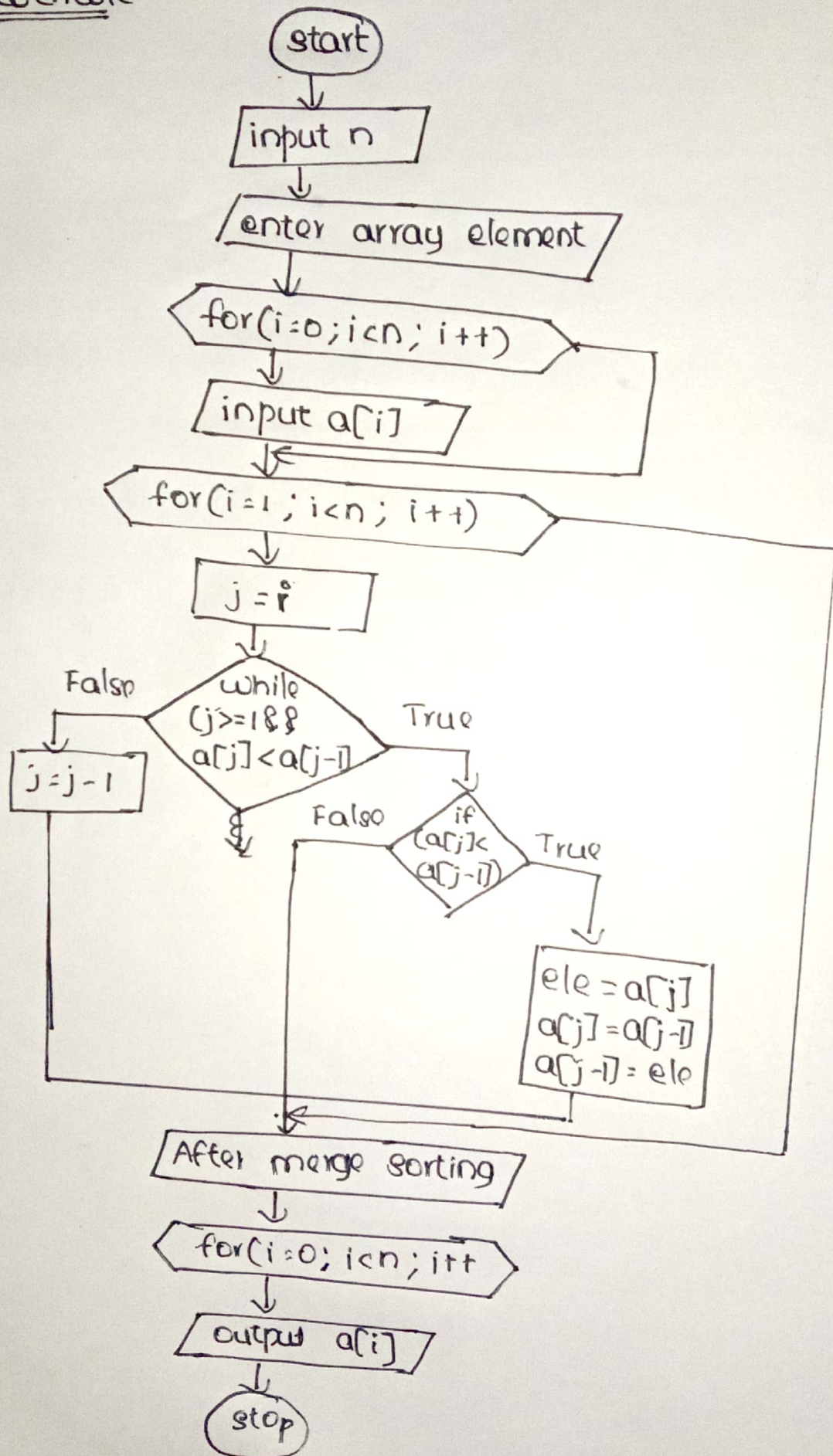


Write a program to implement merge sort

→ Flowchart



Algorithm

step 1 : start

step 2 : Input n

step 3 : Display enter the array elements

Repeat for $i=0$ to $n-1$

Input $a[i]$

step 4 : Repeat for $i=0$ to $n-1$

$j=i$

while($j \geq 1 \ \&\& \ a[j] < a[j-1]$)

if($a[j] < a[j-1]$)

ele = $a[j]$

$a[j] = a[j-1]$

$a[j-1] = ele$

$j = j-1$

end for

step 5 : Display After merge sorting

Repeat for $i=0$ to $n-1$

output $a[i]$

step 6 : stop