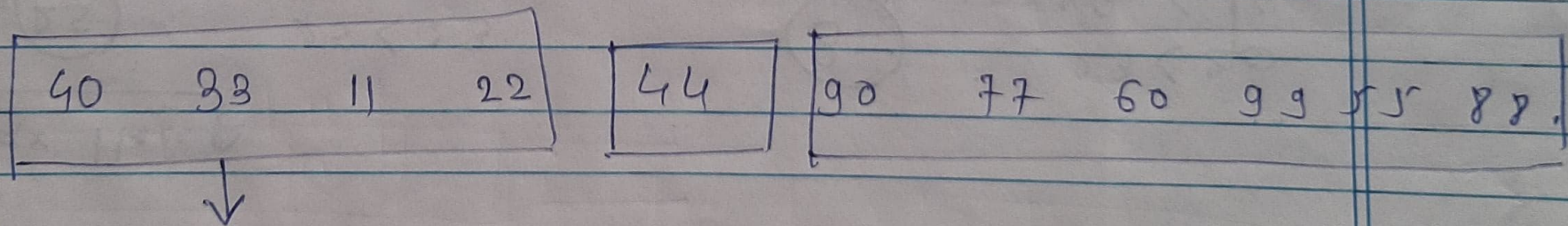


swap $\text{arr}[\text{Pivot}]$ with $\text{arr}[\text{Right}]$



Supervisor's Name _____
Signature & Date _____
Roll No. _____



Pg./Suppl.No: _____

Date: _____

if (start < end) partition (A, lb, ub)

{ pivot = a[lb]

start = lb;

end = ub;

while (start < end)

while (a[start] <= pivot)

{ start++

while (a[end] > pivot)

{ end--

}

swap (a[start], a[end])

if (start > end)

swap (a[pivot], a[end]) return end

quicksort (A, lb, ub)

{ if (lb < ub)

{ loc = partition (A, lb, ub)

quicksort (A, lb, loc-1)

quicksort (A, loc+1, ub)

}