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i) Algorithm (to find smallest & largest no in an array)

Step1: Start

Step2: initialize smoll = large = a[0]

Step3: Input the array dements

Step 4: Repeat from i= 2 to n

Step 5: if (a[i] > large)

step 5: large = a[i]

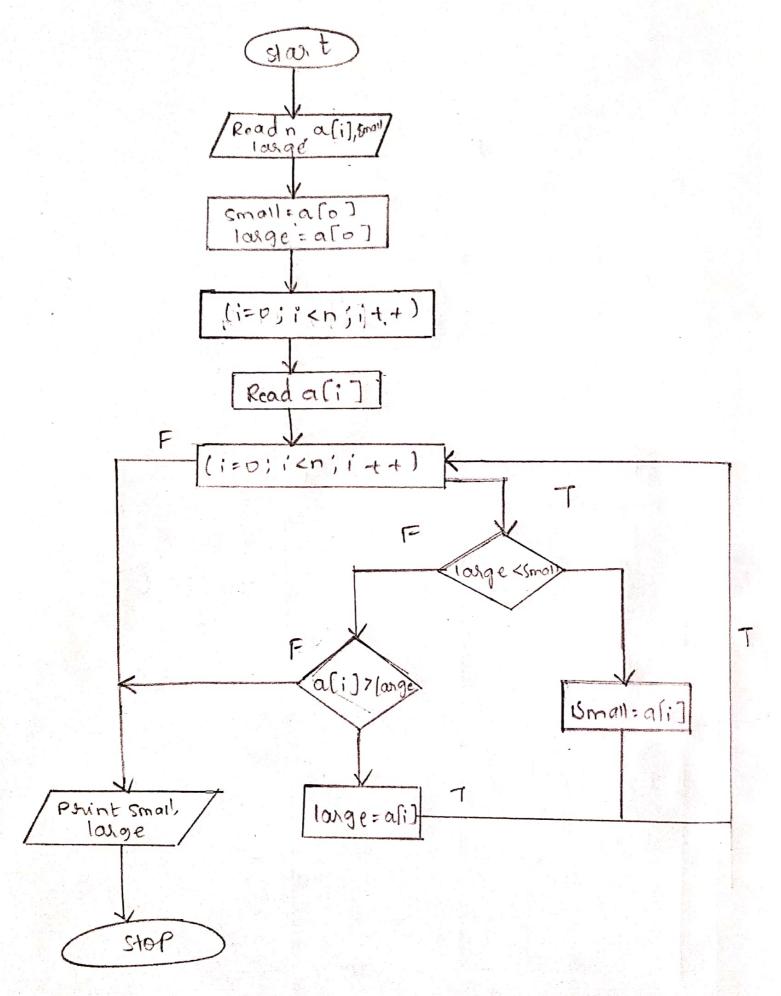
stepq: if (a[i] < small)

step8: small = a[i]

Step q: Print small and large

Step 10: Stop

(ii) Flowchart:



Scanned with Campo