## 1) Bullet Sort alga;

Sty 1:- algorithm Bulebll-Sout ( lost)

Stepa: - pru: list != fi

Step 3: - Post list is sorbed in ascerding corder year all value

Styly: - fori < 0 to lest: count -1

- Gorj <- 0 to lest: Cleent -1

Sty6: ey list [i] @ < list [j]

Slep 7: Swap ( dist[i]; lest(v])

Sty D: and if

end you Sly 9:

and for Sly 10)

Ster 11: Polius list

Sley 17: Incl Sull Sort

Algorithm of Merge Sout Step 1: Find the middle middle of the array middle = +1 + (last & -fiest) 12 Slop 2: Duided the array Recon the middle Slef 3: call merge sout from the first half of the array merge sort (arlay, gurst, midelle) Stufy: callmorge sout for the Second helf of the ashery moge Sout (Salday, middle +1, lost) Stely S: mergette bew Soutor halus mit a singly Sortal across.

aniel Sord: auch Sort (array, Jamost Inclu, lightonest Indu) Sel if (lift most Indie 2 sight most indie) pinst Inder & parlitions carray, left most Inder, rightmost Inder, rightmost Inder) appiel Sort (averag, left mest Inder; Putet Inder-1) awit Sort (array, period Inder, lughtmot Incley) SOOD, porlition carried, lethost Inder, lightmost Inder Set Jughtmest In doe as puidle Inclue Slow Indon & Springer Incluse -1 SONG bor i + letmot Inder -1 869(5) if element [i] 2 period Element [i] < period Element Sevop element[i] < periot Element Stord Indust Scrup funet Elonon and element [Stouth lev+1] Rubien Stood Freder +1