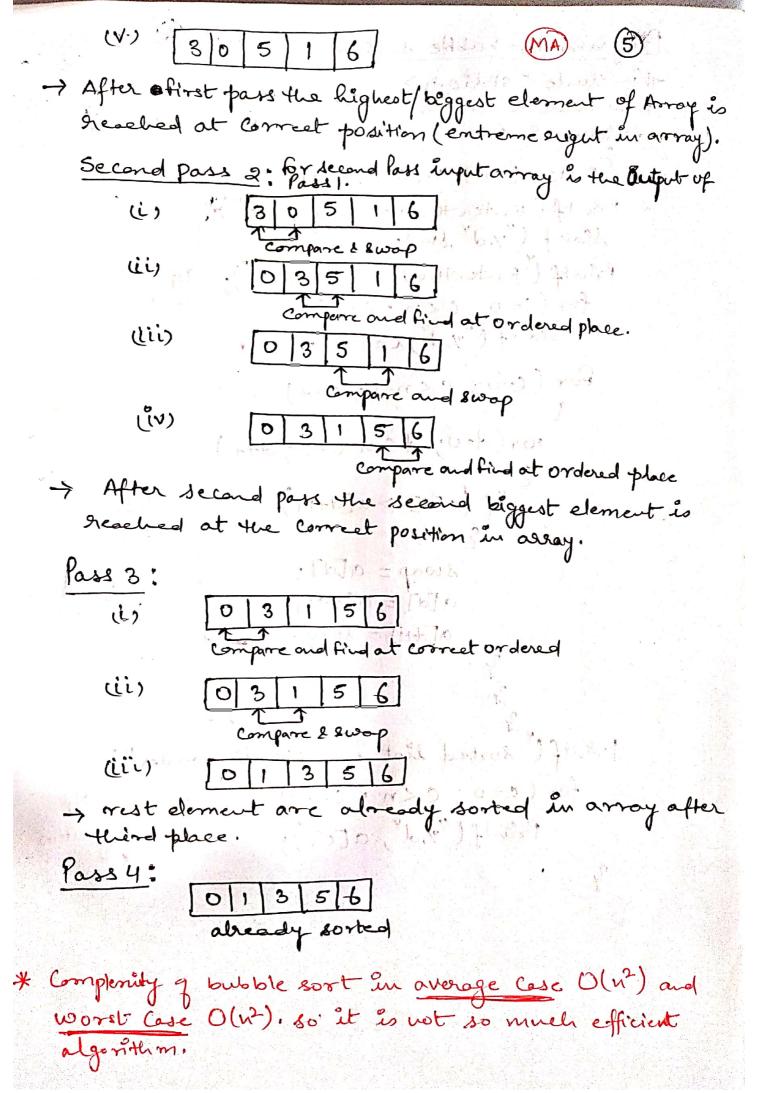
Sorting :- In simple word sorting of the miles
Sorting :- In simple word sorting is the ordering a lest list of objects.
sorting is of two type. If the much al elect
is small enough to fits into the main memory,
this is called "internal sorting".
that some of them existe on extende of
that some of them eveside on enternal storage during the Bort, is called external storage
Three type of sorting is as:
Dietion sorting
& Selection sorting
bubble sorting: Bubble Sort is a sorting algorithm where geneatedly Pterate Herri
sup adjacent relements to the array and
suap adjacent elements that are unordered. Repeat this until array is sorted.
enample of bubble sort?
Lindows d Among L 2 0 51
In lase of hills in the of "
In lace of bubble sort various lass" used to soot the unsorted array.
Pass 1:-
u, 63051
Compare and swap I fuot in order
(ii) 36051
compare and swop if not in order
사용이 얼마가입니다. 그렇게 하면 그는 그 그렇게 되었다면 그는 그를 보고 있다면 그를 보고 있다면 그를 보고 있다면 그를 보고 있다면 그를 받는다면 그를 받는다면 그를 보고 있다면 그를 보
Compare and swap
(1v) 3 0 5 6 1
compare and swap



Program for bubble sorts-MA (6) #include < stdio.h> # Enclude < comio. a> Void malu () Ent a [100], u, c, d, swap; Postf (" Enter the no! of element"); Scarf ("1,d", &n); Printf (Entertue Array element); for (C=0; C<n; C++) Scanf ("y.d", La [c]); For (c=0; c<n-1; c++) for (d=0; d< u-c-1; d+1) rolessing if (a[d] > a[d+1]) swap = ald]; a [d] = a [d+1]: a[dti] = swap; Prøntf (" sorted list in ascending order"). for (c=0; C<n; C++) Privif ("Y.d", a [c]);





#Inelude < Stdio. h> # include < comio. 6> void bubble lost (int [], int), vord main () ent ations, n, c; Printf (" Enter number of element"); Scanf (Y.d, Ln); Printf (" Enter array element"); for (c=0; C<n; C++) sconf ("1.d", Late]); bubble_sort (a, n); Printf l'sorted array in ascending order); for (c=0; c< n; c+1) Printf ("1.d, a[c]); void bubble-sort (Eut , b [], Eutn) Eut c,d,t; for(c=0; (<n-1; (++)) Bor (d=0; d<n-c-1; d++) if (b[a] > b[d+1]) t = b[d]; b[d] = b[d+1]! b[d+1] = t;