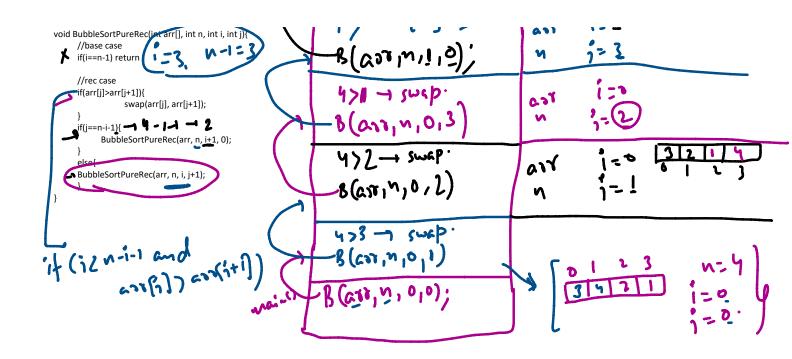
11 July 2023 21:02

```
9 n 1 femr. un au sorting
1 element.
 void BubbleSortRec(int arr[], int n, int i){
     //base case
     if(i==n-1) return;
     //rec case
     for(int j =0; j<n-i-1; j++){
         if(arr[j]>arr[j+1]){
                                                         n 1 juni. Le av Lompering
2 Junests ( un ar moving 2 Junest
by just 2 place).
              swap(arr[j], arr[j+1]);
     BubbleSortRec(arr, n, i+1);
 void BubbleSortPureRec(int arr[], int n, int i, int j){
     //base case
     if(i==n-1) return;
     //rec case
     if(arr[j]{>}arr[j{+}1])\{\\
             swap(arr[j], arr[j+1]);
     if(j==n-i-1){
         BubbleSortPureRec(arr, n, i+1, 0);
                                                          int as () = (4,3,2,14
     else{
     BubbleSortPureRec(arr, n, i, j+1);
B3 (ar, n, 0,
                                                       8(0121 M1511);
                         262
                                                                                                       1=1
                                                                                           می
                                                      -B(arr, M, 2, 0);
  4-1-1=2
                                                           71-1 swap.
                                                                                         600
                                                        B(an1, n,1, 2);
                                                                                                    η = I
                                                       3>2 -xwap.
                                                                                                              ااادادا
                                                     ·B (azz, n,1,1 )
                                                                                                   j=0.
                                                                                                   1:2
                                                                                        asi
void BubbleSortPureRec(int arr[], int n, int i, int j){
                                                                                                   5= 3
    //base case
                                                    g(001 mil 10);
   if(i==n-1) return
```



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