Merge Sort

aturday, 1 May 2021 6:23 PM

ar } 20 70 20 60 50 30 40 10]

Expectation -> mergesort (am, 8t, end) -> Retirm me a sorted amay.

faith -> mergesort (am, 8t, ?) -> arri

mergesort (am, ?, end) -> arri

mergesort (am, ?, end) -> arri

Merging of faith and Expectation - mergesont (arnst, end) - widz lot (hi-lo)

Figure out Disave case

- 10 Ploso of

code

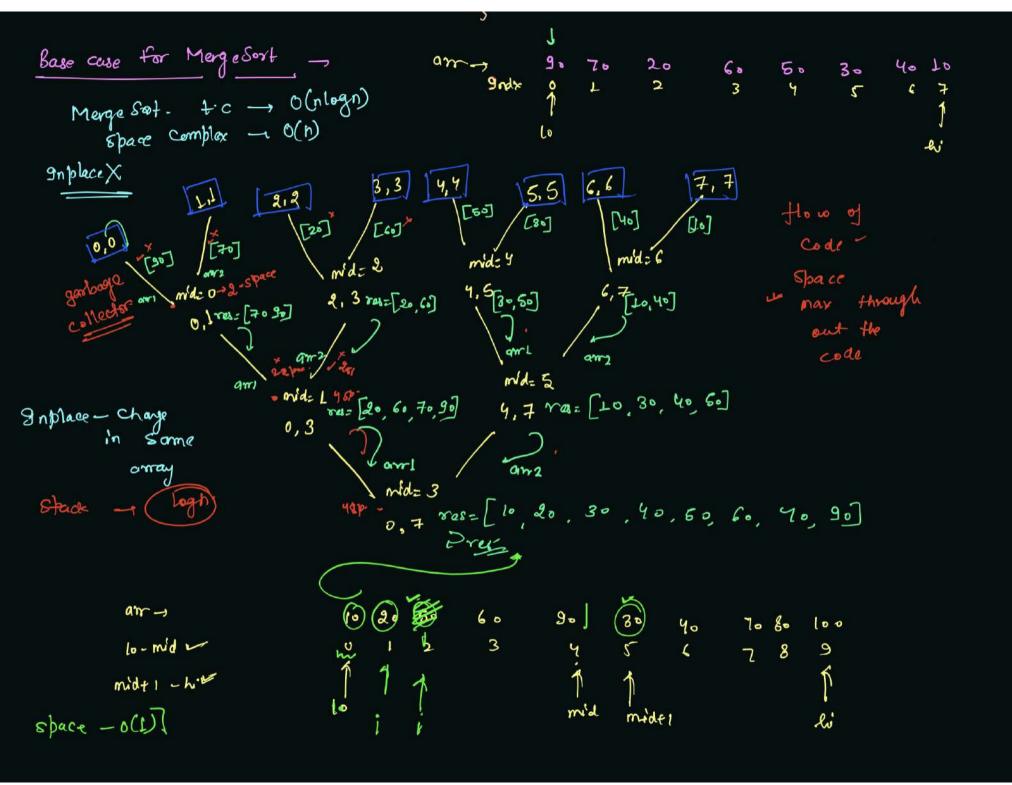
Softed [arr] = merge 8007 (arr, ct, mid);

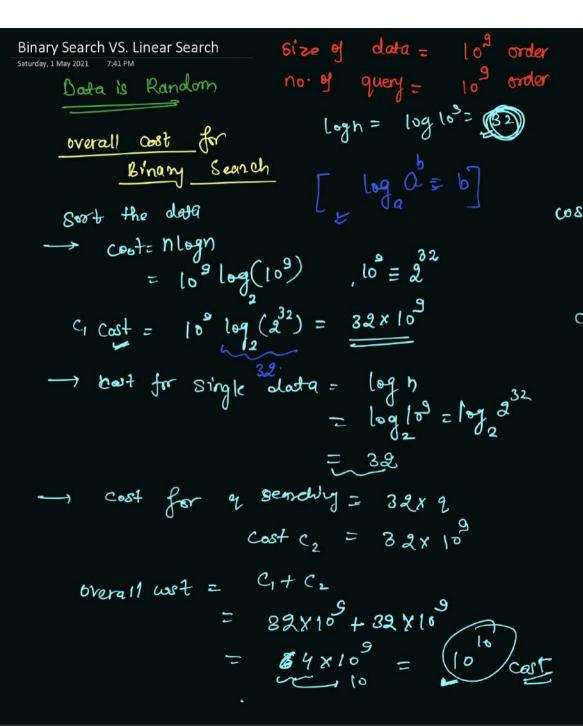
arr] = merge 8007 (arr, ct, mid);

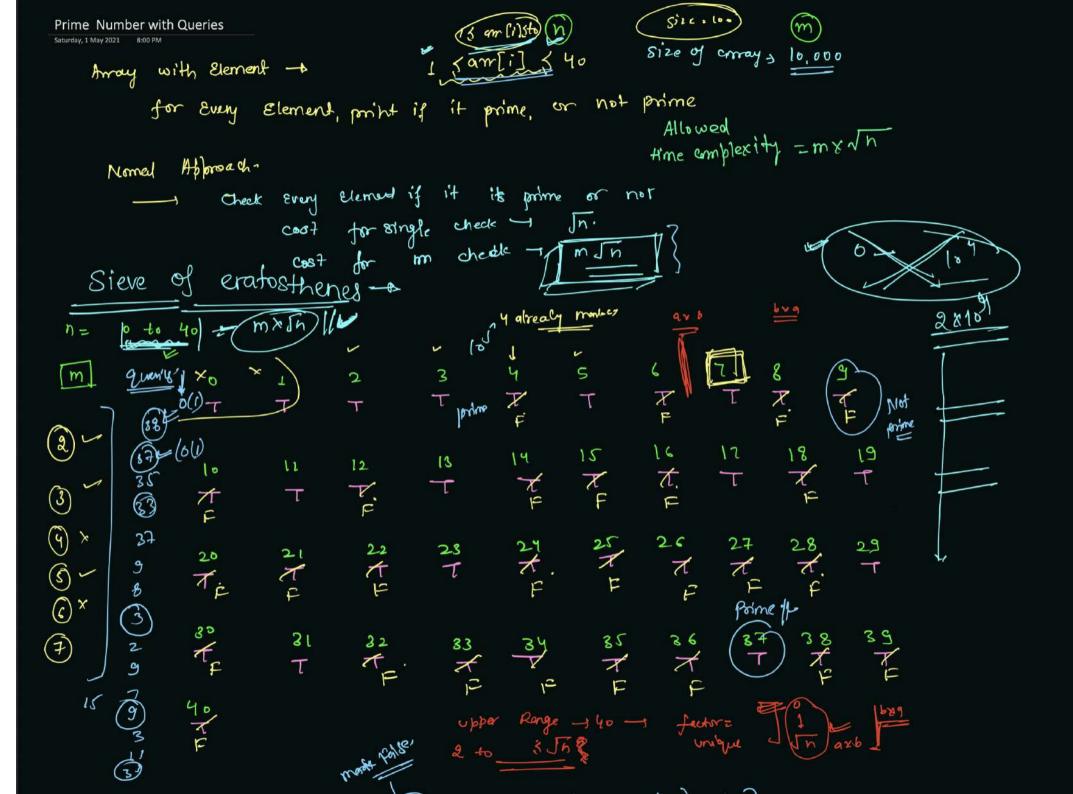
arr] = merge 8007 (arr, ct, mid);

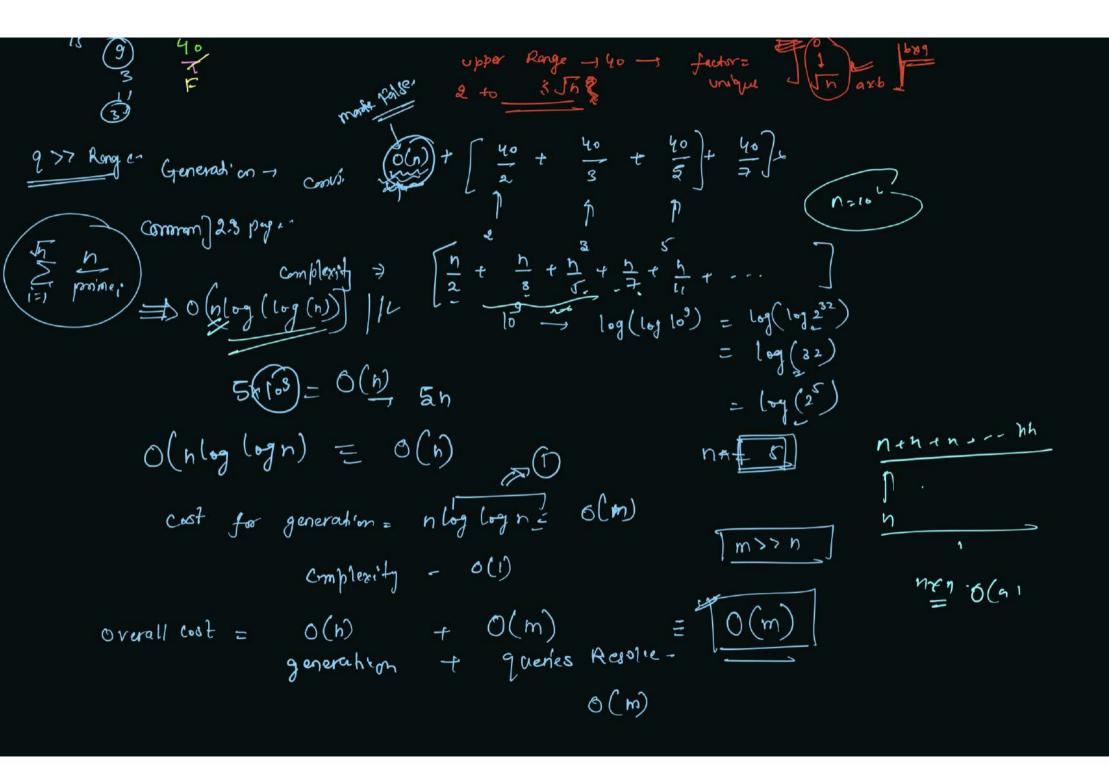
res = Merge too 8007 ted Array (arr], arrs);

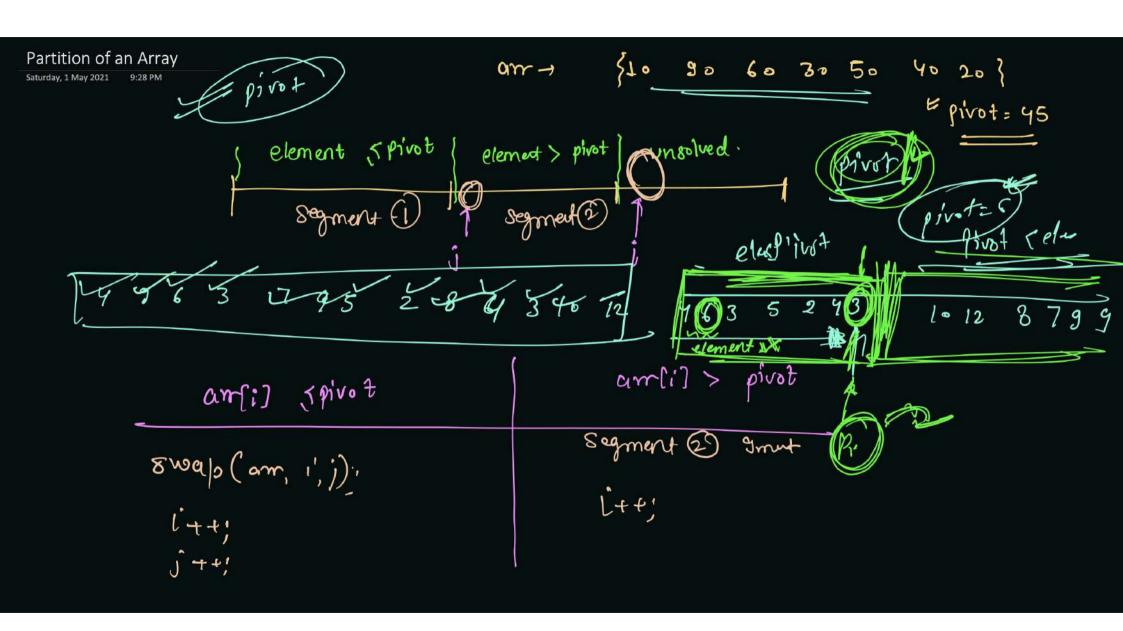
retire res;

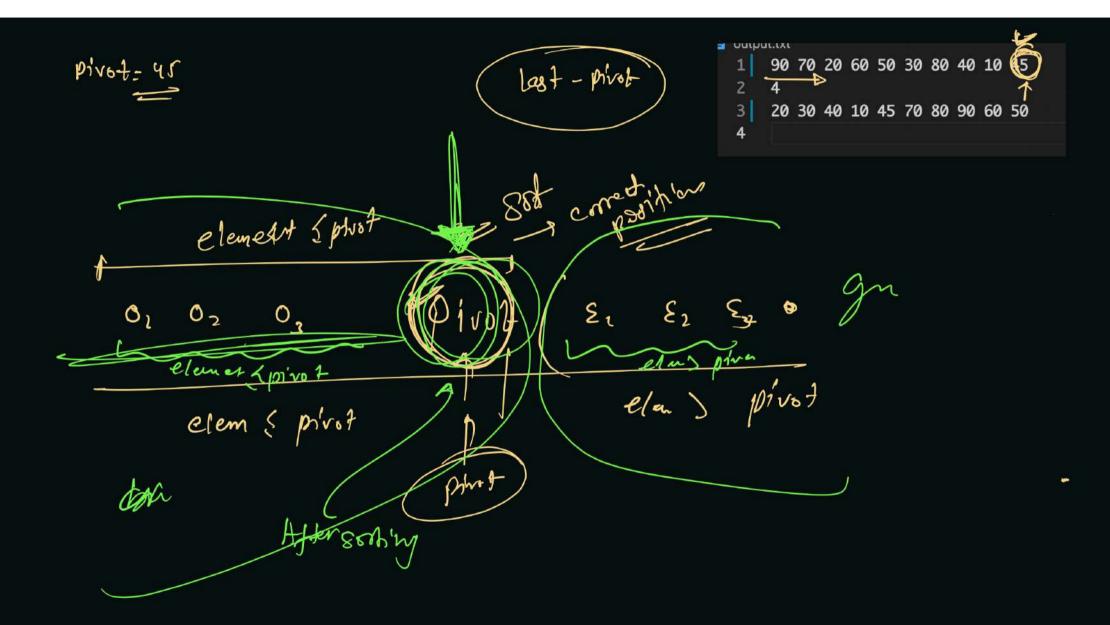












Expectation -

= quidesort (am lo, h);

faith - guide Sort (orn, lo,?); pit!

apricle Sort (orn, lo,?); pit!

apricle Sort (orn, lo,?); pit!

Merging of faith & Expectation -

Rolve forlest correct position after sort pivo lo 30 2 40 90 60 50

port as Segregate. Solve for partition might partition might partition might partition might partition might partition might partition of the pivot as we have a proceeding the process of the pivot as we have a proceeding to the pivot as we have a proceeding to the pivot are the pivot as we have a proceeding to the pivot are the pivot are

pivot = arr[h]; [=] lo, (to)

pi = pursition 9 nder (am, lo, hi, pivot);

quide (am, lo, pi -1);

quide (am, pi+1, hi);

