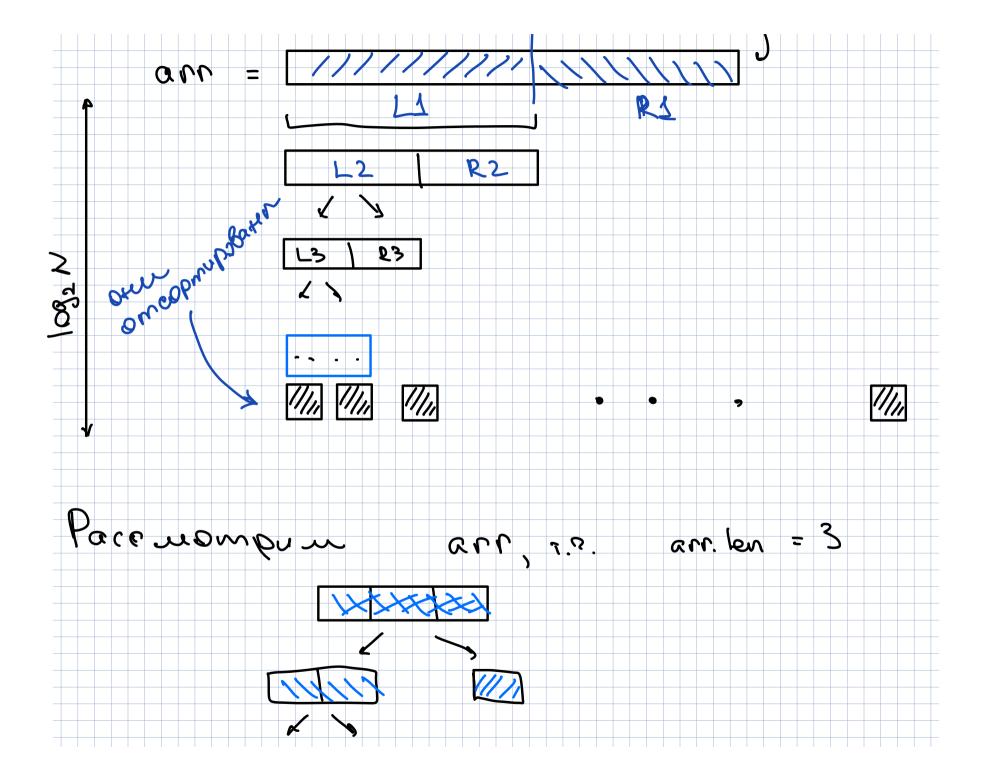
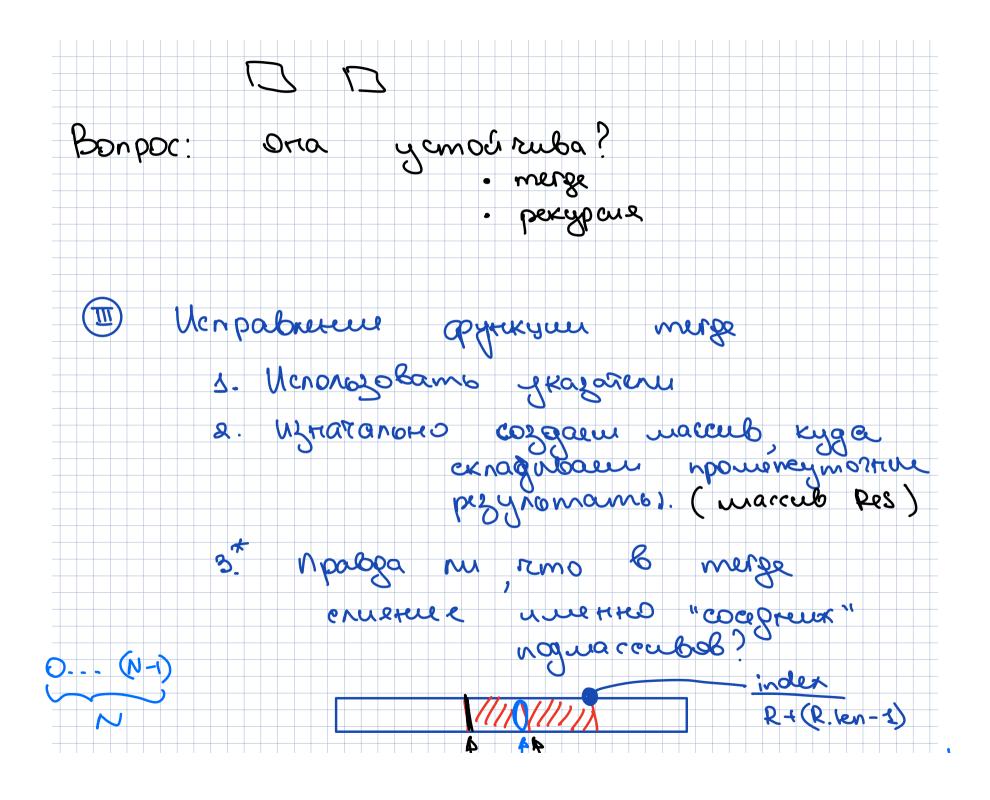
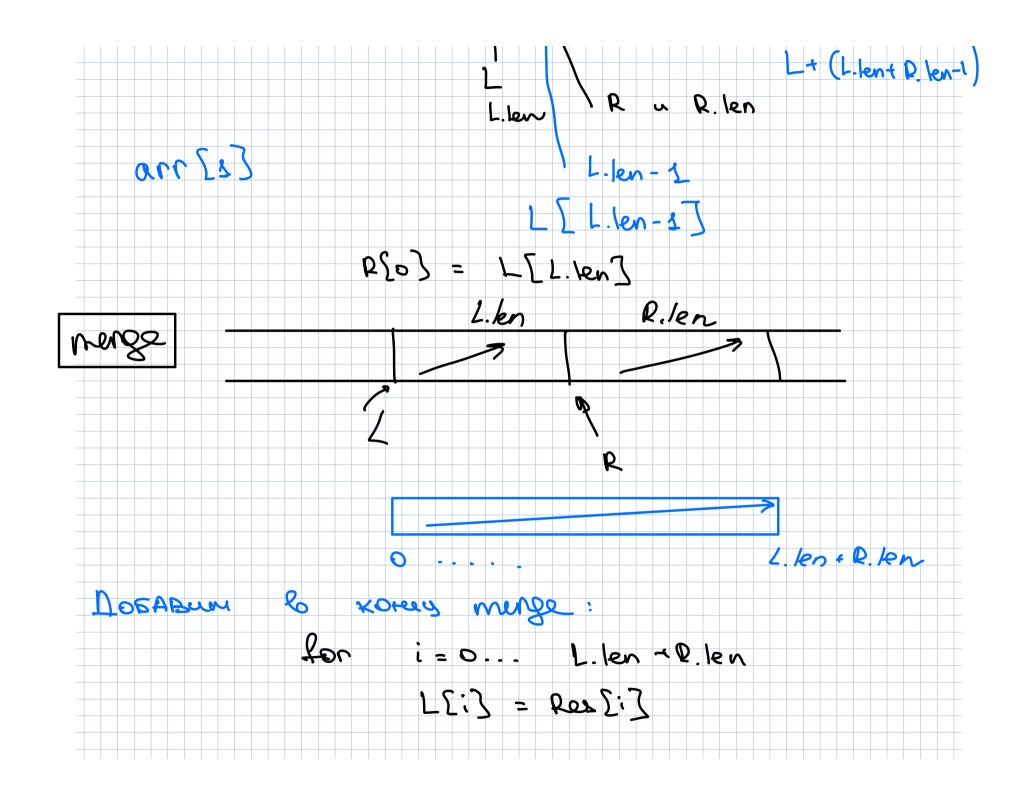


Pyrkyus merge (L,R): anutia o neceu sa index_L =0 in dex_r =0 Res = [.... // pazmpa L.len & R.len index_L while and index_R < R. len: બ L[index L] <= R[index_R] ecnel -> Res[index L + index_R] = L Lindex_L] ++ index_L WHARE DOKE Res [index_ L x index_ R] = Qlindex_ R7 4-1 index_R while index_L & L.len: Res [index_L + index_R] = L [index_L]

4+ index-L while index_R < R. len: Res Tindex_Q 1 index_ L] = P lindex_ Q] 44 index_R return Res T(N) = O(N) - + e + palmer.Acuumo muka: Sort copmupo Bku Merge Ragh Zagara: on copnupo como 20 nos pacuaruno gruno







Comparanypa anzopumua: minge Sort (arr, N) 8 U-Q -> cozgaeu buffer = [o... N] recursive Menge Sort (arr, N, buffer) recursive Merge Sort (an, N, buffer): P-US N == 1 ECVA 4 return WHATEL middle = LN/21 L=arr [: middle] recursive Merge Sort (arr, middle, bufler) R=arr[middle:] recursive Merge Sort (arr + middle, M2(L) N- midelle, but-ler MS(R) arr = Merge (LP)

