Doubt Session _ 03_07 while (country - mer) 1 Colmin Gilman OlPi- 15 9 60 11 12 8 4 1. take pointers 2. first-loop: [Trownin-> rowmax] [colmin] Colminst 3- Seword Loop. [calmin_z colmax] nowmex --Trowmay 3. Third loop1-[Now max -> nowmin] Colman-[col micex -> colmin] 4. [rowmin] Sonting also Bagic 1. Selection 3 ont 2. Bubble Sart 3. Insertion Sort Advance: -1. Merge Sort 2. Quide sort Insertion 3000 Picks all elements one by one from unsonted array regional insent them at their Correct Position 19 Sorted region 145 kez=g 925 Kej < arilj 429. Keg 23

Polymonial 0(m) => Lin O(n,)) = Gra

O(logn) 2) falmonical MISSY C+ formertical Bubble Sort TC-> O(n) 0(n2) Selection Sart 1_ Select => Clem
L> Cet Santst
rensonted region 2; <u>12</u> 10 g 15 20 2 9 1 10 12 15 20 e 3 10; 15 12 59

Merge Sont!- 3 Divide & Conques Po Po 10 121 1. Extra array Space 20(n) 2. Rearrison call. unction merge(arr,start,mid,end){ let m1 = mid - start + 1; 7 mid-Stert+I let m2 = end - mid; let a1 = new Array(m1); let a2 = new Array(m2); for(let i = 0;i<m1;i++){</pre> a1[i] = arr[start + i]; for(let j = 0;j<m2;j++){ a2[j] = arr[mid+1+j]; let p1 = 0; //a1 let p2 = 0; //a2

