Page Date \_ Day - 33 Top BS Interview Questions \* Book Allocation: Every student get alleast 1 Book. Books will be allocated in contiguous Way. Out of all permutation student with most no. I books get min, pages. 12 34 67 90 7 7 12<sup>3</sup>12 34,67,90<sup>3</sup> 191 12,34<sup>3</sup>46 67,90<sup>3</sup>157 12,34,67<sup>3</sup>113 90<sup>3</sup>90 approaching For this question, we will start by giving =) one book only when we reach that no. I count value that we start from 1. But whon we start from 1, the larget book give to anyone in the last. That's why we start from the largest no. of book p as count. 12,37 67 -1111 113 12.37.67 90 -1 after 113 So, 90, 91,92 1111 105, 113 min we can also ? y take long jumps. 러

Date \_\_\_\_ Page . Also, we get our correct answer in right direction. And we get min, answer in left -1 direction. So, our start is - max of array our end is - sum of array Code Start = 90, end = 203 i mid, ansi while (start <= end)? mid = (start + end)/2; page = 0; count = 1; fonli=Oikni i+1[ page +=ancij; y( page ) mid ) { count++; page = ancij; if (count <= M) [ end = mid; start = mid + li من

Page Date \_ Painter Partition: 5 10 30 20 15 K=3 we have walls of different length and we have to paint these walls. Also, we have king of painters. We use the same approach in this question. we one by one check that in that time how much wall we can paint. Ship Packages! \* 13 2 2 4 1 4 days=3 We have to parcel packages in the given no. of days with min, weight -1