

```
rappone () $
 res = dat [0];
  Surg ( D, ni 8-1) '
oun Heapify
redwn res;
   K - Souted Lists
         Sorted Kirls ( [3, 8, 9]) ( [3, 8, 9]) ( [3, 8, 9]) ( [3, 8, 9]) ( [3, 2, 3, 4, 5, 6])
    Data >
                                                (0,2,7
     idn.
     lid 21;
                                            [0,2,7)
     Value?
                                                   (0,0,1) - (0,1,1)
     [[20,30], [40,50], [60, 70]]
                                            public static ArrayList<Integer> mergeKSortedLists(int[][] arr) {
                                               java.util.PriorityQueue<DataIndex> pq = new java.util.PriorityQueue<>();
      (1,1,50)
                                                  pq.add(new DataIndex(idx:0, <u>i</u>, arr[<u>i</u>][0]));
                                               while (!pq.isEmpty()) {
              (0,2,60)
                                                  if (d.idx + 1 < arr[d.lidx].length)</pre>
                                                     pq.add(new DataIndex(idx:d.idx + 1, d.lidx, arr[d.lidx][d.idx+1]));
```

4

d= (0 (()

IN DI Val

N: [20,30, 40