

Merge K sorted arrays/list

```
import heapq
class Solution:
    #Function to merge k sorted arrays.
    def mergeKArrays(self, arr, K):
        # code here
        # return merged list
        ans = []
        heap = []
        for i in range(len(arr)):
            if len(arr[i]):
                item = (arr[i][0], i, len(arr[i]), 0)
                heapq.heappush(heap, item)

        while len(heap) > 0:
            val, idx, length, j = heapq.heappop(heap)
            ans.append(val)
            j = j + 1
            if j < length:
                item = (arr[idx][j], idx, length, j)
                heapq.heappush(heap, item)
        return ans
```