Multiway merge - pseudocode

go in loop through all runs and fill-in buffers to a full capacity (the last run can be shorter)

Initialize heap with 1 element from each buffer:

```python
for buffer b in inputBuffers
    insertIntoHeap (b[0], i)
    advance current pointer of b to 1
```

Extract top element from the heap until it is empty:

```python
while (heap is not empty)
    smallest = getTopHeapElement
    put smallest into the next slot of the output buffer
    if (output buffer is full)
        flush it to disk

    now need to insert into the heap the next element from the same buffer (smallest.run_id)
    if reached the end of buffer for run_id, upload into it next set of records from disk
    if no more records, this run is finished, and no new element is inserted into heap

    flush to disk what remains in output buffer
```