you like get the prefix sum of the bits

then compact the prefix sum of the bits

then create a thread for each item in the prefix sum

and set output[index] = compacted\_prefixsum[prefixsum[index]]

ok i get the first part...

what do u mean by compact?

Look up compaction

With regards to arrays

ok that part makes sense now

and then what do u mean make a thread for each part in prefix sum?

like a thread for every element in the prefix sum

is that like the parallel part?

yea

ok and do i need to write the code for this on the sheet?

or what do i put on the sheet to turn in?

yeah just the code

but you can just say compaction and prefix sum

and you don't have to write the code out for those two

so basically you just open up 8 threads like

omp\_set\_num\_theads(8) or something

#pragma stuff

{

j = omp\_get\_thread\_num()

res[j] = compaction\_result[prefix\_sum\_result[j]-1]

|

}\*

thats it i think

besides of course adding the like replacements for "stuff" and others like that, is that all i have to write for the part where it says "copy the sections of parallel code"?

i think

like im pretty sure