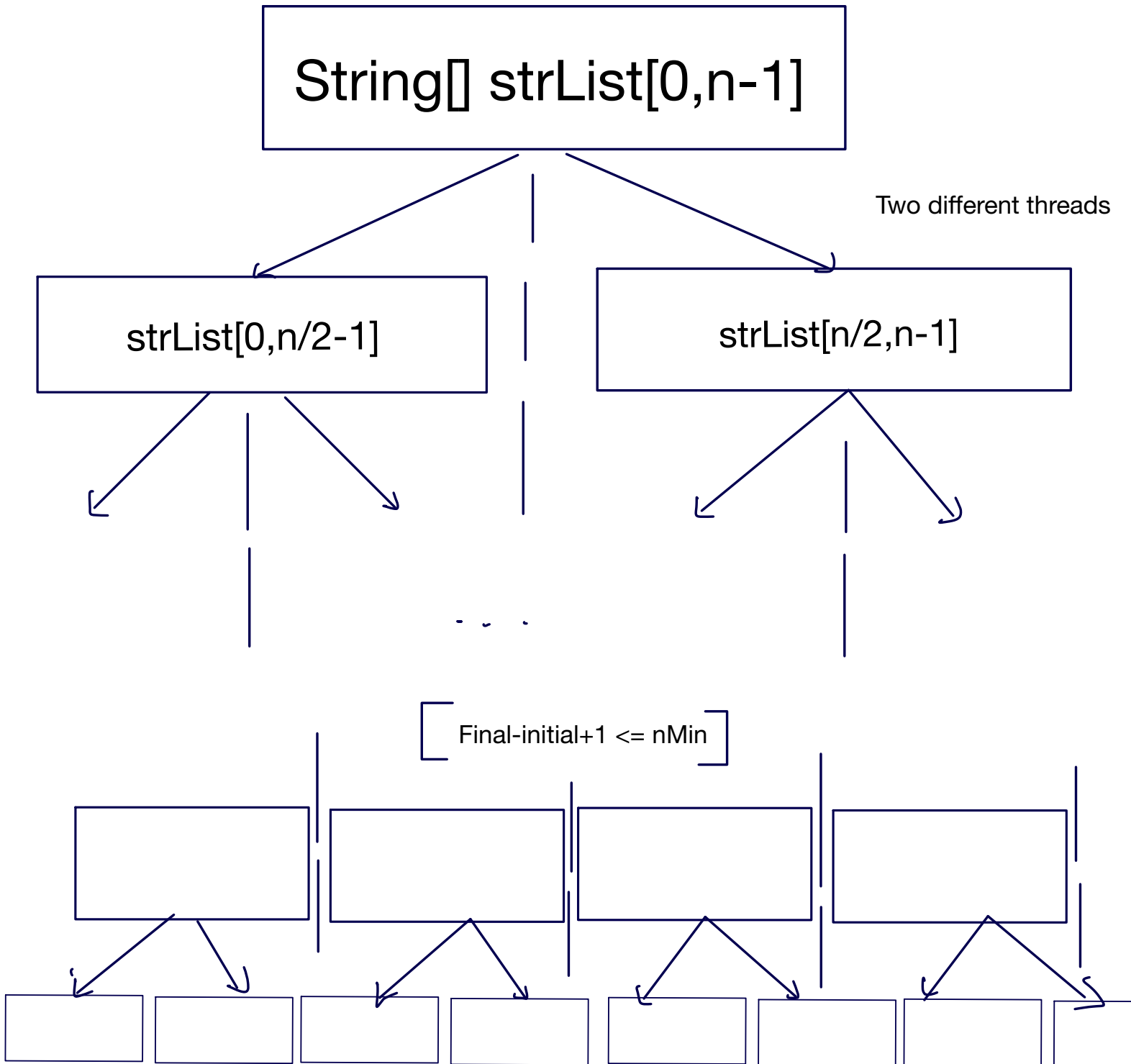


Note: inclusive end



Each Single is single threaded

First sorting left side, then right side and then merging them together