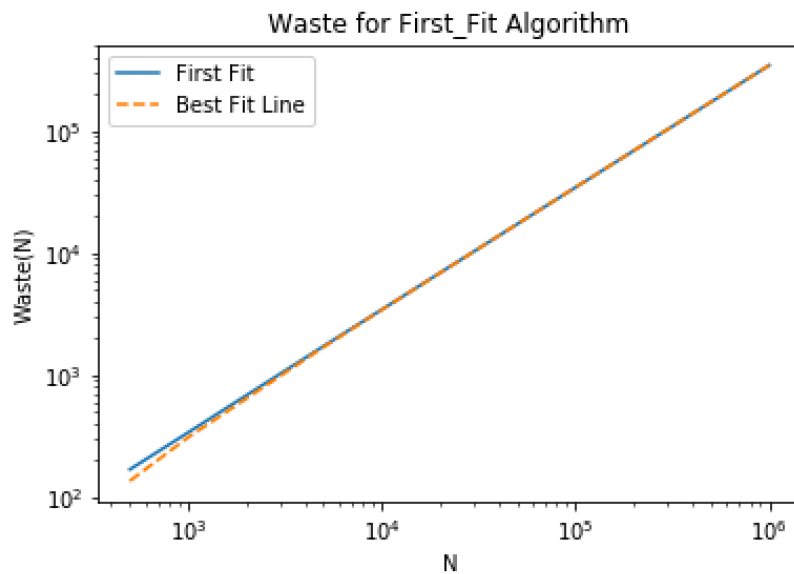


Best Fit Line: $\hat{y} = 0.23585X - 24.12396$

The graph shows a line with positive slope on the loglog graph.

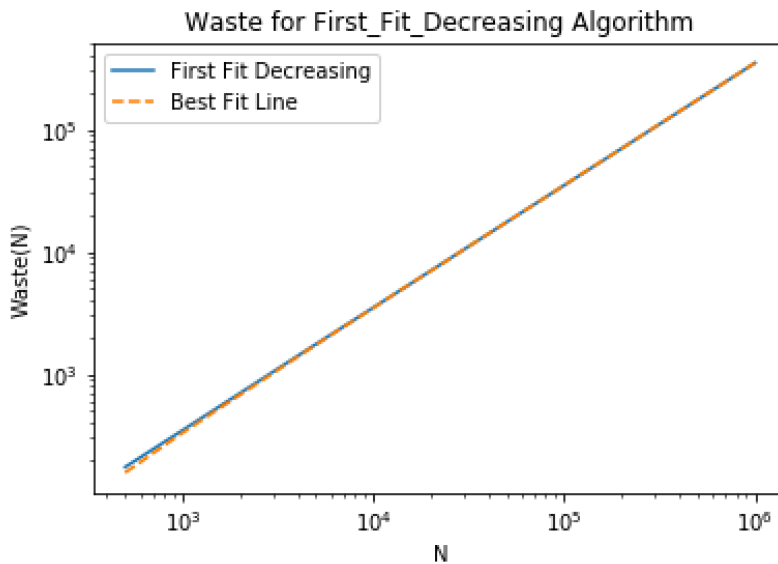
That would imply an equation that increases by a factor n of $\log(n)$, which goes in line with what was expected of the algorithm - $n\log(n)$



Best Fit Line: $\hat{y} = 0.34616X - 37.45331$

The graph shows a line with positive slope on the loglog graph.

That would imply an equation that increases by a factor n of $\log(n)$, which goes in line with what was expected of the algorithm - $n\log(n)$



Best Fit Line: $\hat{y} = 0.35057X - 19.05798$

The graph shows a line with positive slope on the loglog graph.

That would imply an equation that increases by a factor n of $\log(n)$, which goes in line with what was expected of the algorithm – $n\log(n)$

I think the best algorithm to use is Next fit, its implementable in $O(N)$ time and leaves the least free space, among the ones I tested.