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Code report project 4

As far as design of the code goes, I went through a very extended design period.The biggest point I was stuck on was how to partition the list into more or less equal parts. I figured out the math early on, so I decided to build around that. I used files to store each assigned process' list .From the start I built my code to work with forks and exec calls, so implementing the second and third parts of the code was ebay enough, mostly figuring out how exactly forking and exec calls worked. Pretty neat stuff.

Limitations and assumptions include that I don't think I freed alot of the memory I allocated using malloc and calloc. I did this on the assumption that once the local scope that its allocated in closes, then the memory is automatically freed. If this isn't true then my code is awful, but there is no efficiency requirement on this assignment. I am not aware of any specific situations where it could crash, and the only major shortcoming is the fact that if you have a folder named “temp”, it will briefly be populated with up to 384 files for ~5 seconds.