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Transactional Programming
First STM

My implementation of the software transactional memory compiles and runs. It occasionally, however, does not maintain the correct amount of money across all accounts, meaning it leaks money in or out. It is always a small difference. I believe this is the cause of my commit not working properly and allowing transactions to commit when they should not. I have tried incrementing the version number differently but that causes the program to spin forever. After looking in gdb, the program gets caught up in pthread_join. This shows that commit is not working as the program will never exit and successfully commit. So my results below and the code submitted represent my program with minimal money leaks. My disjoint access implementation works perfectly and those results are below as well.

	1000000	1000	1000000 disjoint
1 Thread	10163764487	18986260832	9657113612
2 Thread	5150047091	11970552227	5027802844
4 Thread	2646235622	10656977694	2554466505