I want to learn how to implement something like this $\sum_{m}^{N}\sum_{n}^{N}[mm|nn] - [mn|nm]$ in second quantization via the general two-body operator $\sum_{pqrs} g_{pqrs}a_p^\dagger a_q^\dagger a_s a_r$ I imagined that implementing this in second quantization would also take care of the spin issue if i implement the nti-commutator to go along with it and I could probably use the einstein summation convention more freely for a more efficient implementation. Are there resources for learning how to do so? I feel like I understand theory of second quantization fairly well, but I don't know how to implement it, even though I imagine it would make life easier since I probably wouldn't have to deal with so many for loops.I think learning to implementc 2 quantization is also gone to be very useful for the future.