Maybe a poor example, but what im asking about is that both $\left\langle \Psi_1^6 \left| O_1 + O_2 \right| \Psi_{1,2}^{5,6} \right\rangle$ and $\left\langle \Psi_2^5 \left| O_1 + O_2 \right| \Psi_{1,2}^{5,6} \right\rangle$ would booth correspond to the individual fci mel $\left\langle \Psi_i^r \left| O_1 + O_2 \right| \Psi_{i,j}^{r,s} \right\rangle$. so what you're saying is that everything that looks like $\left\langle \Psi_i^r \left| O_1 + O_2 \right| \Psi_{i,j}^{r,s} \right\rangle$ would be grouped together as a block matrix at the spot of each generic fci mel. hope that what im asking makex a .little snese, but if it doesn't, i'll make a better visualization to show what i mean.

i might want to start developing code for fci, now that i somewhat understand the basic principles. when you ddevelop code, do you use tthe python unittest module from the web. in the passt, i relied on prinnt statement for debugging, but this is not practical lol

i am new to developing code, so what balance do you typically have between just commiting and then pushing? if done them simultaneously thus far, but i understand that there is probably a good reason why commiting and pushing are seperate actions. ik i could look on the web for their different purpose, but im just curious abt ur opinion on the difference between the two in ur exp developin q chem code?