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**Part A: Notable Obstacles**

* Main obstacle was figuring out what order of if/else statements to use to break up the tax brackets. I decided on going from lowest income up, first checking if someone made under a bracket and applying the percentage to their income and then checking for someone who makes more than that bracket. I’m sure there was a more efficient way of doing this, but it doesn’t matter too much in this context
* I made a couple mistakes interpreting the instructions to code. For instance: a realized that I had written it as if the three brackets were $55,000, $70,000, and $125,000, whereas upon closer inspection the instructions said the *next* $70,000 (meaning the $70,000) between 55 and 125k

**Part B: Rigorous Test Data**

* Incomes throughout all of the tax brackets (<$55000, <$125000, >$125000) to ensure that brackets and percentages are calculated correctly
* Testing teacher and nurse occupations at all tax brackets to ensure detection of both job types and proper application of deductions
* Testing different numbers of kids at all tax brackets and with both types of occupation to make sure calculation is done correctly and interacts properly with job-based deductions
* Test batches where the number of kids would result in negative tax amounts or changes in the tax bracket totals to ensure there are no outlier exceptions in the code