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Regular Expressions Lab 1

Explanation: My first expression gets rids of all characters except for digits 0-9, the space, the tab, the carriage return, the newline, and the period. This leaves just the atomic number and masses with a few lines of extra unnecessary numbers. There are also a lot of spaces at this point. The second expression removes the space(s) that precedes every line; the third expression removes lines containing the unnecessary numbers by searching for lines that only have one number in them. There were two left over unnecessary lines after this, so I removed those in a similar manner as I did the previous ones, except these had a space in them where there was no space in the others. That is why I had to do this in two expressions. The final expression takes the first number and the second number and separates them with a tab rather than the 4 spaces that were there previously.









