Earthquake Algorithm

1.Read the file

2.split it into lines

3.create a list for each region, with the first value being the string name of the region

4.search each line for each region, and if the region’s name is in the line, add the whole line to the region’s list

5.remove the junk

5.1 split the long line in each region by the ‘ ‘ character.

5.2 the first two values of the list that is returned from splitting the line are the magnitude and date, respectively, store these in the region’s list in the order [date, magnitude]

6.print