✖

Searching Earthquake Data

5/7 вопросов верно

Отлично!

Повторно пройти

Дальше (/learn/java-programming-design-principles/lecture/wMiZ3/introduction)

✔ **1.**

For the assignment you wrote the method **quakesOfDepth** to print all the earthquakes from a data source whose depth is between a given minimum and maximum value, and also to print out the number of earthquakes found. Modify this method to run your program on the file **nov20quakedata.atom** (a file with information on 1518 quakes) for quakes with depth between -10000.0 and -8000.0, exclusive.

How many such earthquakes are there?

> 172

Отлично!

✔ **2.**

For the assignment you wrote the method **quakesOfDepth** to print all the earthquakes from a data source whose depth is between a given minimum and maximum value, and also to print out the number of earthquakes found. Modify this method to run your program on the file **nov20quakedata.atom** (a file with information on 1518 quakes) for quakes with depth between -8000.0 and -5000.0, exclusive.

How many such earthquakes are there?

221

Отлично!

✔ 3.

For the assignment you wrote the method **quakesByPhrase** to print all the earthquakes from a data source whose title has a phrase in it at a specified location, and also to print out the number of earthquakes found. Modify this method to run your program on the file **nov20quakedata.atom** (a file with information on 1518 quakes) for quakes with the phrase "Explosion" at the <u>start</u> of the earthquake's title.

How many such earthquakes are there?

7

Отлично!

✔ 4.

For the assignment you wrote the method **quakesByPhrase** to print all the earthquakes from a data source whose title has a phrase in it at a specified location, and also to print out the number of earthquakes found. Modify this method to run your program on the file **nov20quakedata.atom** (a file with information on 1518 quakes) for quakes with the phrase "California" at the <u>end</u> of the earthquake's title.

How many such earthquakes are there?

538

Отлично!

✔️ 5.

For the assignment you wrote the method **quakesByPhrase** to print all the earthquakes from a data source whose title has a phrase in it at a specified location, and also to print out the number of earthquakes found. Modify this method to run your program on the file **nov20quakedata.atom** (a file with information on 1518 quakes) for quakes with the phrase "Creek" as a substring in the earthquake's title.

How many such earthquakes are there?

9

Отлично!

❌ 6.

For the assignment you wrote the method **findLargestQuakes** to print a given number of earthquakes from a data source in order from largest magnitude. Modify this method to run your program on the file **nov20quakedata.atom** (a file with information on 1518 quakes) for the <u>three</u> earthquakes with the largest magnitude.

What is the magnitude of the <u>third</u> largest earthquake? (Give your answer to two decimal places. Note that the US convention uses periods instead of commas to indicate a decimal.)

2.40

Извините, но это не то, что мы ожидаем услышать.

❌

7.

For the assignment you wrote the method **findLargestQuakes** to print a given number of earthquakes from a data source in order from largest magnitude. Modify this method to run your program on the file

nov20quakedata.atom (a file with information on 1518 quakes) for the five earthquakes with the largest magnitude.

What country is the fifth largest earthquake in?

0.50

Извините, но это не то, что мы ожидаем услышать.

Acceptable response
japan

👍 👎 🏳