Class/Home work (input, output, conditional, loops, string)

Write an astrology program in Java, using the appropriate structure (if else, switch, for, while or do-while) knowing that:.

The Entries are:

- The user types in a birthday (month and day), and the program responds with the horoscope sign for that birthday.
- The month may be entered as a number from 1 to 12 and the day as a number from 1 to 31.
- Your program should include a loop that lets the user repeat this calculation until the user says she or he is
 done.

The Outputs:

- The horoscopes sign according to the entered birth date, the element for this sign and the option to quit.

The horoscope signs and dates are:

•	Aries	March 21-April 19
•	Taurus	April 20–May 20
•	Gemini	May 21–June 21
•	Cancer	June 22–July 22
•	Leo	July 23–August 22
•	Virgo	August 23–September 22
•	Libra	September 23–October 22
•	Scorpio	October 23–November 21
•	Sagittarius	November 22–December 21
•	Capricorn	December 22–January 19
•	Aquarius	January 20–February 18
•	Pisces	February 19-March 20

Horoscope Signs of the same Element are most compatible. There are 4 Elements in astrology, and 3 Signs in each:

- **FIRE** (Aries, Leo, Sagittarius),
- EARTH (Taurus, Virgo, Capricorn),
- AIR (Gemini, Libra, Aquarius),
- WATER (Cancer, Scorpio, Pisces).

According to some astrologers, you are most comfortable with your own sign and the other two signs in your Element. For example, **Aries** would be most comfortable with other Aries and the two other **FIRE** signs, **Leo** and **Sagittarius**.

Modify your program to display the name of the signs that will be compatible for the birthday (ex: for Pisces sign the compatible signs are Cancer and Scorpio).

Use try and catch, and methods of class String, StringTokenizer, Scanner and/or Character to control the input data and to format the output.

Create also the algorithm in natural language for this solution as a comment into your Java file..

Upload the . java file to LEA of Omnivox. Thank you