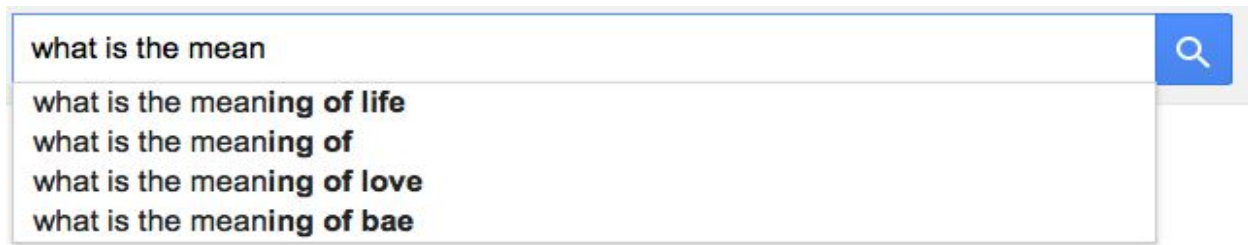You have been tasked to implement a Frequently Asked Questions (FAQ) widget for a web page. The FAQ widget is a text box that allows a user to enter a question. As each letter is entered, the suggested questions are populated allowing the user to select one, as shown below.



A simple keyword based algorithm will be used to determine the questions to return. This means the text in the search box will be scanned for keywords and used as a query to lookup suggested questions.

For example, using the following keyword/questions database:

| Keyword | Questions |
|---------|-----------|
| red | "Is red a primary colour?" |
| blue | "Is green made from yellow and blue?"<br>"why is the sky blue?" |
| green | "Is green made from yellow and blue?" |

If  "is green a color?" is entered into the search box, then the question "Is green made from yellow and blue?" is returned because green is a key word.

if "blue is red" is entered into the search box, then the questions "Is green made from yellow and blue?", "why is the sky blue?" and "Is red a primary colour?" are returned because blue and red are the keywords.

Your task is to implement this functionality.

Requirements:
- Your solution must use a server for storing the keyword lookup and for querying for suggestions.
- Your solution must use a web page and which contains the FAQ widget and makes calls to the server to obtain the suggested questions
- The server must use the REST principles
- The server runs on tomcat application server
- Use Java
- No database is required for the keyword mapping. You can store the data statically in a class of the server.
- Make use of spring
- Web page UI Design is not important