

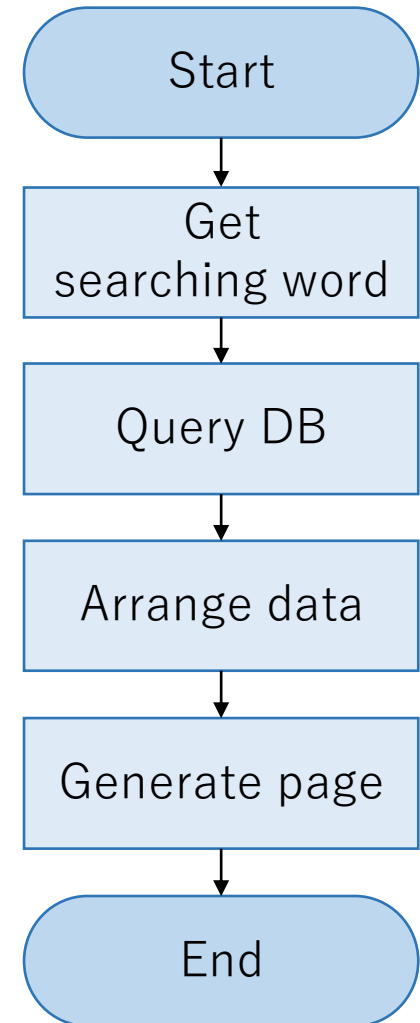
# Searching Questions

(whole question statement/sentence)

20T0005

# Overview

- Searching questions is series of processing both user and server.
- It gets word(s) included in information user want to see.
- Then users can see pages related to what they want.



# Get searching word

- Get searching word for processing
- User side
  - Users visit seaching form page.
  - Users input word and send to server.
- Server side
  - Receive searching word and store in variable



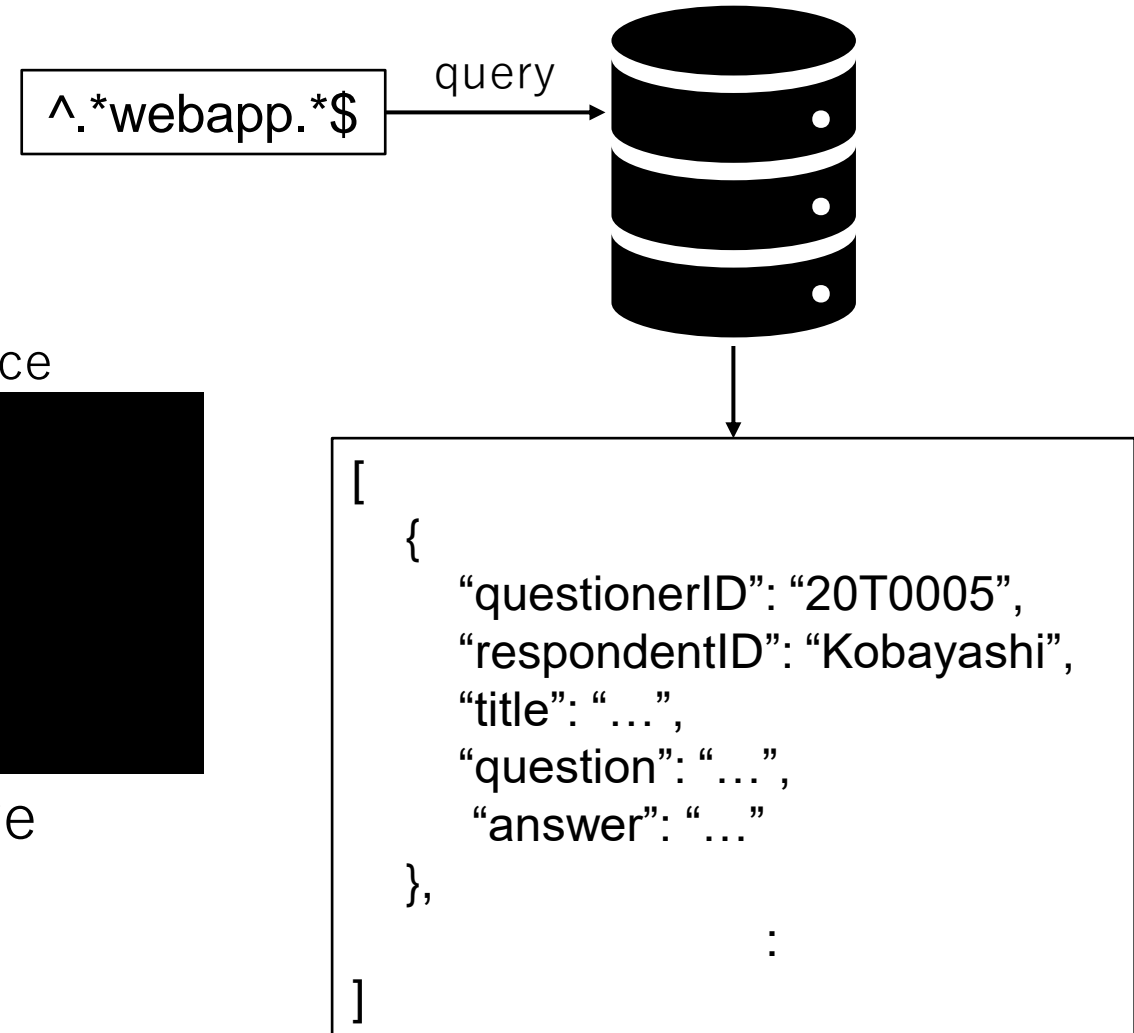
Seaching word :

# Query DB

- Query searching word in DB.
- Server side
  - Query sqliteDB
    - Use regular expression(REGREP)
    - Get whole question statement/sentence

```
db = sqlite3.connect('sqlite3.db')
c = db.cursor()
regx= '^.*webapp.*$'
c.execute("SELECT *
          FROM question, answer
          WHERE question.content REGEXP {}
          OR answer.content REGEXP {}
          ").format(regx, regx)
```

- Store data in management structure



# Arrange data

- Arrange question/answer data (management structure) to make question list easier to see for users.
- Sorting
  - Date
  - Relevance
    - Including title
    - Frequency of searching word

# Generate page

- Generate response page using arranged management structure.
- Listing titles
- Use accordion function
- User can see questions and answers

### How to make webapp?

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I want to make calender application. How to make webapp?

kobayashi

Attend Object Oriented Web Programming lectures.

### What is webapp?

What do you recommend develop environment when you make webapp?

# Option

- Two or more searching word
- Search filtering
  - By year
  - School grade
- More or better display format

Thank you for your attention.