

Problem Statement

To build a simple console based application to search stackoverflow questions.

Duration: Should take about 60-90 minutes to complete

Technology

- JDK8+
- Maven/Gradle as build tool
- Please feel free to use any open source library of your choice for Json parsing or making http call
- Please share the final code via a git repository at Gitlab/Github (or alike)
 - Please provide a readme file to compile and run the program

For any information, not already mentioned in this document, please **feel free to many other assumptions** on your own. You can mention the list of your assumptions to us in a text file to us.

Problem statement

Build a command line tool that:

- takes a input string from user
- searches it across the stackoverflow using its API
- And displays the top-5 `title` along with the `url` on console

For example:

```
Please enter your search query: add element to list
Here are the top-5 results for your search 'add element to list':
Title: Add element to list using map function (javascript). URL: https://stackoverflow.com/questions/62421923/add-element-to-list-using-map-function-javascript
Title: what is the best way to add element to list of dict in python?. URL: https://stackoverflow.com/questions/61457654/what-is-the-best-way-to-add-element-to-list-of-dict-in-python
Title: best way of add element to list in couchbase. URL: https://stackoverflow.com/questions/61074055/best-way-of-add-element-to-list-in-couchbase
Title: Can't add element to List in inner class/loop. URL: https://stackoverflow.com/questions/55991980/cant-add-element-to-list-in-inner-class-loop
Title: C# Linq add element to list of object where condition is met. URL: https://stackoverflow.com/questions/50141870/c-linq-add-element-to-list-of-object-where-condition-is-met
```

Above, `add element to list` was provided as input from console. The program printed the `title` along with its `URL`

After it outputs, the program must exit.

Stackoverflow API

<http://stackoverflow.com> is a popular website for questions and answers. It has a full-fledged API. Though for this assignment we are only concerned with its search API.

API details for `search` can be found at: <https://api.stackexchange.com/docs/search>

where:

- insert value inside `intitle` field and run it

Sample API call:

- Query to search: `add element to list`. API: <https://api.stackexchange.com/2.2/search?order=desc&sort=activity&intitle=add%20element%20to%20list&site=stackoverflow>
- Query to search: `java`. API: <https://api.stackexchange.com/2.2/search?order=desc&sort=activity&intitle=java&site=stackoverflow>

(You can copy paste the above URL on browser to quickly check results).

In brief, put your query as value of the key `intitle` and make the API call

The information transmitted is intended only for the person or entity to whom or which it is addressed