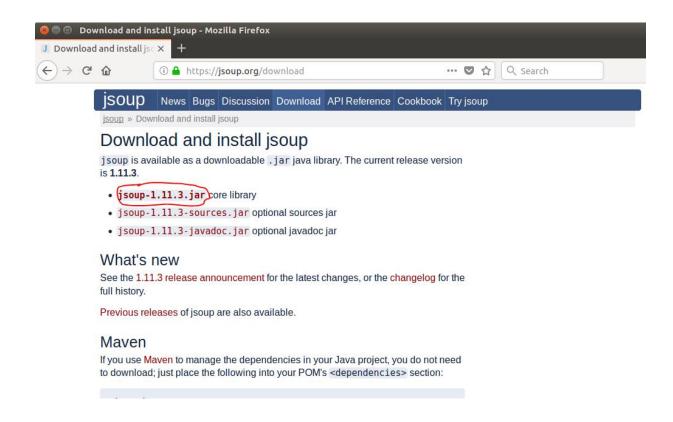
Lab 13: CommandLine Search Engine

Setup

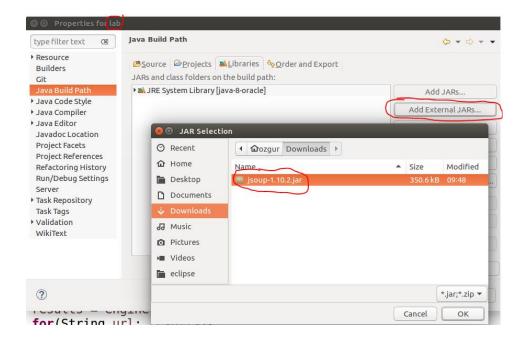
1. Merge the OzgurKilic/lab with your lab repository and pull the contents of your repository from Bitbucket to your local repository.

Exercise 1 : Add Jsoup Library to lab Project

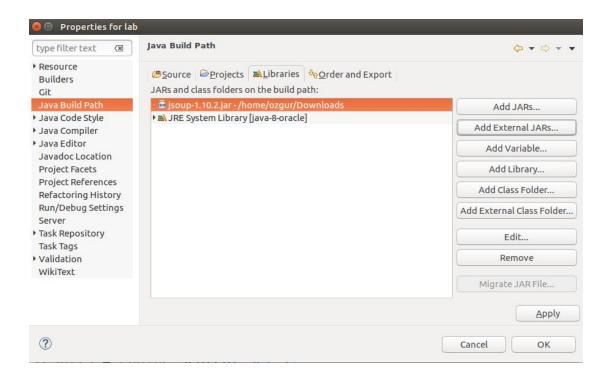
Download Jsoup library.



2. Open the properties window of lab project and open the Libraries section. Click the "Add External JARs" button



3. Click the "OK" button of the properties window.



Exercise 2: Implement the index method of SearchEngine

- 1. Read content of a URL as described in https://docs.oracle.com/javase/tutorial/networking/urls/readingURL.html
- 2. Parse the content to extract words.
- 3. Print the words

Exercise 3: Use jsoup to extract text representation of URL

- 1. Get the text content from the URL using jsoup classes as described in https://jsoup.org/
- 2. Create a HashMap to index URLs.
- 3. Implement the search method of SearchEngine

```
Enter keyword: Java
https://docs.oracle.com/javase/tutorial/java/nutsandbolts/
https://docs.oracle.com/javase/tutorial/collections/
https://docs.oracle.com/javase/tutorial/networking/urls/readingURL.html
Enter keyword: stack
https://docs.oracle.com/javase/tutorial/networking/urls/readingURL.html
Enter keyword:
```

NOTE: Your lab will not be graded if

- Your account name does not have the format described in lab1.pdf
- Your repository name is not lab
- Your files have compilation errors
- You haven't complete the steps described in exercises
- Your added/modified files are not submitted to Bitbucket.
 - You have to add commit and push files as described in lab1.pdf