**Task: Develop a tool for log filtering**

Create an application with the ability to parse logs to look for certain patterns in test results:

1. Download the Logcat log: <https://drive.google.com/file/d/1xWOP76X8qxQDL9kxa-URNGhChY_rET1o/view?usp=sharing>
2. Develop a tool in Java **or** Python with the following switches:

**-h** prints out info about all the available switches

**-s** prints out the time difference between lines containing “TEST STARTED” and “TEST FINISHED”

**-i <args,…>** prints out lines containing all the provided arguments

**-e <args,…>** prints out all lines which don't contain any of the provided arguments

Usage (Python): python logcat\_parser.py logcat\_file.txt -i word1,word2,word3

Usage (Java): java -jar logcat\_parser.jar logcat\_file.txt -i word1,word2,word3

3. Send us a link to your Git repository with sources (and, in case of Java, also a jar file) on a publicly accessible service (GitHub, GitLab, Bitbucket).

**Task: Automate a sign up form**

1. Use form at <https://demoqa.com/automation-practice-form>
2. Using Java or Python and Selenium, create at least 5 automated tests that will test the form’s functionality (you can include more scenarios you’d like to test, but don’t have to implement them)
3. Send us a link to your Git repository with sources on a publicly accessible service (GitHub, GitLab, Bitbucket).