# QA Automation Exam 05.08.2017

## Integration Tests

Base URL: <http://libraryexam21.azurewebsites.net/>

### Library

This task is to create coded integration tests a web service and will be rewarded with **30 points**. You received a postman collection with all possible end-points for current web service. You have to write valid and invalid tests by sending requests to the web service and asserting for right status codes and content in response. You need to cover just some of these cases:

* **GET** Author
* **POST** Author

## Selenium Tests

This tasks are made for UI automation with Selenium Web Driver. You need to add all tests, which you right for every task in new class. There is some main condition in every task which need to be reached if you want to get max point from the task. Here you will see all conditions like percent of task max points. They are:

1. Page Object Model – **40%**
   * Base Page – **10%**
2. AAA Pattern – **10%**
3. Screenshot for failed tests – **10%**
4. Assertions – **10%**
5. Test result – **20%**

### Tooltips

This task is simple one and you will earn **20 points** if you fulfil all main conditions for exam

Create a test with Selenium WebDriver which does the following:

1. **Navigate** to http://demoqa.com/
2. Click on Tooltip
3. Verify that after hover input field, there is tooltip shown
4. Verify that text in tooltip is: We ask for your age only for statistical purposes.

#### Bonus

You can earn 2 more points to course result if you use XPath selector for tooltip.

### Automate the planet

This task is simple one and you will earn **40 points** if you fulfil all main conditions for exam

Create a test with Selenium WebDriver which does the following:

1. **Navigate** to <https://www.automatetheplanet.com/>
2. Click on Blog
3. Select an article
4. Scroll to "**Quick Navigation**"
5. Verify that every link in "Quick Navigation" scroll to section in the article with the same name
6. Verify that hierarchy in quick navigation is represented in the **HTML** with **<h2>** and **<h3>** tag

#### Bonus

You can earn **10** more points to course result if you prepare one test, which work for three different articles