# Telerik SQA Track – Intermediate Exam #1 – December 2015

## Problem 1. ASP.NET Editor

You are given one video showing a bug in the Telerik's ASP.NET Editor functionality. The bug is reported by a valuable customer and should be fixed in the next release.

Your task is to watch it, navigate to the URL shown in the video and prepare bug report.

* Identify the bug
* Reproduce it
* Write bug report

### ASP AJAX control bug

Watch <http://tinyurl.com/qatrack2015>**.** Go to <http://demos.telerik.com/aspnet-ajax/> and try to reproduce it.Prepare a **bug report** containing all **necessary information** for logging the report in a bug tracking system. Try to **isolate** the minimum steps required for reproducing the bug, removing any steps that are not really influencing the behavior.The **report** should be presented in a **table in word** document.

**10 points**

## Problem 2. Github

Make functional web test using Test Studio and test this basic functionality – create a repository, create a branch and commit a file.

Prerequisite: Use your own github account or create one for testing purposes.

Scenarios:

1. Navigate to <https://github.com>, log into a valid github account and verify that you are logged in.

Hint: If you wish to hide your passwords, there is a way to encrypt in the recorded step.

1. Create new repository with name QATrack and from *Quick setup* choose README.md file and commit it. Verify that after your first commit there are 1 commit in the repository.
2. In the already created QATrack repository create a new branch and verify that there are 2 branches in your repository.
3. In the already created QATrack repository commit 3 new files using a data source containing the names and the content of the 3 files. Verify that the file is successfully created.

Run your automated tests in a test list. Make sure that the test list runs successfully every time.

**40 points**

## Problem 3. Find a zip

Create a test with Selenium WebDriver which does the following:

1. Navigate to <http://www.findazip.com/>
2. Open the list with cities starting with the first letter of your name (if your name is Pesho – open http://www.findazip.com/city-zip-codes-p.html)
3. Open the first 10 results from the list
   1. For every one of them save City name, State, ZipCode, Longitude and Latitude
   2. Generate a link to google maps by latitude and longitude for every one of the 10 results
4. Open each of the links in Google maps and take a screenshot of the page
5. Save each screenshot on the disk with file name <CityName>-<State>-<ZipCode>.jpg, for example Paauilo- Hawaii- 96776.jpg

Think of an appropriate way to organize your tests and use

* Page Object Model
* Base test class with methods missing in selenium WebDriver

Hint: Think of a way to hide the ads on the pages during test execution. Link to extension files for Firefox and Chrome are in github repo.

**50 points**

### Terms and Conditions:

During the exam you are allowed to use any teaching materials, lectures, books, existing source code, and other paper or Internet resources.

Direct or indirect communication with anybody in class or outside is forbidden. This includes but does not limit to technical conversations with other students, using mobile phones, chat software (Skype, ICQ, etc.), email, forum posts, etc.