**Selenium Webdriver Basics, hometask #1.**

**Automate a test scenario for system under test (SUT) for ONE option from the list below using WebDriver + Java + TestNG OR WebDriver + C# + NUnit:**

1. **Preferable, more productive for mentee:** Web application being tested during your project activities.
2. **If option #1 can’t be implemented by you due to any technical/project security reasons** Public mail service (Mail.ru, Yandex.ru, Gmail.com and etc.) according the test flow below:

**Precondition:** create an account for any mail services mentioned above.

**Test scenario/flow:**

* Login to the mail box.
* Assert, that the login is successful.
* Create a new mail (fill addressee, subject and body fields).
* Save the mail as a draft.
* Verify, that the mail presents in ‘Drafts’ folder.
* Verify the draft content (addressee, subject and body – should be the same as in 3).
* Send the mail.
* Verify, that the mail disappeared from ‘Drafts’ folder.
* Verify, that the mail is in ‘Sent’ folder.
* Log off.

1. **If option #2 can’t be implemented by you due to any technical/project security reasons.** Select any other public website and perform the task similar to the mailbox test scenario from option #2. Ask your mentor for approval and agreement regarding the test scenario.

**Please consider the following general points:**

* Add Selenium and xUnit libs as dependencies via relevant build tool (Maven/MSBuild and similar)
* use WebDriver API as much as possible (browser navigation, clicks, switchTo and etc.)
* experiment with waits (implicit and explicit)
* please avoid using auto-generated locators
* try to use several locator strategies i.e. different types of locators (and select the most suitable in your case).
* use TestNg annotations @Test, @BeforeClass, @AfterClass and Assert class to make your scenario TestNg-like test (please refer to demo).

**NOTE: you may use xpath checker, firebug or other plugins to verify the locators, but please avoid using auto-generated locators like “//div[1]/div/div[1]/a/img[2]”**