**Tasks:**

1. Change settings to run web test on a certain iOS device in mobile cloud. Run test with your changes. Did test pass?

-No: appium Hub, project name and apiKey had to be added to properties and then compined to driver path in the code

1. Change settings to run native test on a certain/random Android device in mobile cloud.   
   Add support of **appPackage** and **appActivity** parameters for Android devices (reading from a .properties file and then setting in the DesiredCapabilities). Locally installed Appium DT has no need in these parameters, but for Appium server of EPAM mobile cloud it’s mandatory.
2. Run test with your changes. Did test pass?

-No. It was a big problem to know correct “appActivity”, since the web UI of the farm does not provide the full value of activity, the cottect value could be extracted from adb shell locally. Even after successful pass of the test, it does not pass stable due to changing situation on the farm – from day to day.

1. Try to use **autoLaunch** capability with **app** as before instead of **appPackage** and **appActivity**. Does this approach work?

* No, this approach did not work for me

1. Implement changes to avoid device disconnection and reboot on mobile web test completion.

-Yes, I am using driver.closeApp() instead of driver.quit().

1. Implement changes that proof web site loading indeed.
2. What’s wrong with our code? How to fix/improve it? Implement your suggestions.

* There is a lot of suggestions. First of all, the device under test should not be single in the properties. Properties should provide a list of devices. Each device value should become a test parameter
* Second, the self-consistency of properties should be verified separately from appium-driver creation, probably MobileCapabilitiesTypes enum should be included

into mobile capabilities class which provides reading the properties, verifying their self-consistence and adding correct values to desiredcapabilities of the driver.

* Third, css locators should be removed from test scripts and correct POM should be written

**Reporting:**

1. Create an appropriate branch in the repository for home works of auto-testing of mobile apps (should have been created for HW#2)
2. Send the link to this branch in the repository to trainer via skype
3. For tasks that implies just an answer (not a source code), please put a text document into root of repository. Provide answers for tasks where it required with appropriate item number.