EXAM

Introduction
1. Exam consists of several tasks and tests and you can get different amount of points (shown in parenthesis) for each of them.
2. Together there are 5 **tests** and **11 tasks**.
3. When creating tests try to implement tasks.
4. All tests must be in one test class, code you can store is several classes.
5. Implementation of each task shortly must be explained in the ReadMe file.
6. Maximum points: 100 points.
7. Minimum to pass the exam is 60 points.

Tasks
1. Create an automation framework for Java + Maven. Project name must be '*Name_Surname_Exam*' **(1 p)**
2. Create a readMe file **(1 p)**
3. In tests use Page Object model **(10 p)**
4. Create a html report (Extent report/Surefire report or any other library) with detailed information what happens in test **(9 p)**
5. Create one test that uses data provider **(4 p)**
6. Create 2 different types of tests - 'Smoke tests' and 'Regression tests' **(2 p)**
7. Write in readMe file maven commands + explanation **(9 p) These commands don't need to execute just explain possibilities**:
    1. How can you run one specific test class
    2. How can you run one specific test in class
    3. How can you run all 'Regression tests'
    4. Write an explanation how you can exclude tests from execution (describe at least 3 ways *(maven commands and different configuration possibilities)*).
8. Tests use configuration file **(5 p)**
9. Create methods that are executed before and after tests and use them to reduce repetitive code (for example: open url, close driver) **(4 p)**
10. Use correctly Java syntax and interpunction **(3 p)**
11. Use common classes to reduce repetitive code (for example: initialize web driver) **(3 p)**

Tests

[Log] in tests means to log it in your html report, if you don't use html report simply print out in the console.

Test 1: (10 p)
Test scenario:
1. Open page 'https://petstore.octoperf.com/'
2. Click on button [Enter the Store]
3. In input field enter 'Angelfish' and click 'Search' button
4. Log Product ID (FI-SW-01)
5. Close browser

Test 2: (10 p)
Test scenario:
1. Open page 'https://www.globalsqa.com/samplepagetest/'
2. In dropdown 'Experience (In Years)' select '5-7'
3. Log screenshot
4. Close browser

Test 3: (10 p)
Test scenario:
1. Open page 'https://petstore.octoperf.com/actions/Catalog.action'
2. Click on button [Fish]
3. Log each item name (Angelfish, Tiger Shark etc.)
4. Close browser

Test 4: (10 p)
Test scenario*:
1. Open page 'https://www.globalsqa.com/samplepagetest/'
2. Fill fields:
    1. Name
    2. Email Address
3. Log a screenshot with filled fields
4. Clear both fields
5. Log a screenshot with empty fields
6. Close browser

*Run this test with 3 different data sets for fields 'Name' and 'Email Address'

Test 5: (9 p)

Test scenario:
1. Open page 'https://www.globalsqa.com/demo-site/auto-complete/'
2. In field 'Search' fill 'and'
3. In drop down select value 'anders andersson'
4. Close browser