**EXERCISE 3**

Q1- <https://www.ultimateqa.com/simple-html-elements-for-automation/>

Fetch Quality Assurance Engineer Salary from the table under HTML Table with no id.

The code should be dynamic.

Q2- Write an automation script for filling all fields of the registration page. (Registration.html)

But make sure that test data should be provided from a properties file.

Q3- What are the advantages of TestNG & TestNG annotations?

TestNG is a testing framework inspired from JUnit and NUnit but introducing some new functionalities that make it more powerful and easier to use.TestNG is designed to cover all categories of tests: unit, functional, end-to-end, integration, etc.

The main advantage of testNG can be listed as follows:

* Annotations.
* Run your tests in arbitrarily big thread pools with various policies available (all methods in their own thread, one thread per test class, etc...).
* Test that your code is multithread safe.
* Flexible test configuration.
* Support for data-driven testing (with @DataProvider).
* Support for parameters.
* Powerful execution model (no more TestSuite).
* Supported by a variety of tools and plug-ins (Eclipse, IDEA, Maven, etc...).
* Embeds BeanShell for further flexibility.
* Default JDK functions for runtime and logging (no dependencies).
* Dependent methods for application server testing.
* It has different assertions that helps in checking the expected and actual results
* Detailed (HTML) reports

Advantages Of TestNG Annotations in Selenium:

* They are easy to understand.
* You can group test cases using appropriate annotations.
* You can do parallel test.
* You can pass extra parameters for annotation.
* They are strongly typed, so the compiler will completely catch any errors.

Q4- Print the order of TestNG annotations?

Sequence of Execution of the annotations:

1. BeforeSuite
2. BeforeTest
3. BeforeClass
4. BeforeMethod
5. Test
6. AfterMethod
7. AfterClass
8. AfterTest
9. AfterSuite