**Selenium**

* **Open source automation tool**
* **No license**
* **Free tool**
* **Availabile in form API**
* **Supports multiple language – Java , c# , python, ruby, pearl , java script**
* **Only for browser automation**
* **Supports multiple browsers.**
* **Thoughtworks company are taking care of selenium.**

**Selenium has 4 components:**

1. **Record and Play**
2. **Selenium IDE**
3. **Selenium RC – out of market**
4. **Selenium WebDriver. Latest version 3.0.4**

**Competitor of Selenium : QTP**

**QTP – runs only on windows , supports only 2 browsers.**

**Selenium – Platform independent.**

[**https://www.codenotfound.com/java-download-install-jdk-7-windows.html**](https://www.codenotfound.com/java-download-install-jdk-7-windows.html) **Oracle username: my email id**

**Pwd : Usual pwd**

**Install jdk8**

**Download eclipse luna**

**Download latest selenium jar file from** [**http://www.seleniumhq.org/download/**](http://www.seleniumhq.org/download/)

**For firefox we need to use gekodriver . Gekodriver is a class and we need to create object for the class . We need to download exe file.**

**To launch geko driver , we have firefox driver class . We need to create object for firefox driver .**

**Firefox driver is a class which is implementing web driver interface.**

[**http://www.automationtestinghub.com/selenium-3-0-launch-firefox-with-geckodriver/**](http://www.automationtestinghub.com/selenium-3-0-launch-firefox-with-geckodriver/)

**Firebug and Path is not available for firefox version 57.**

**Download Chromedriver exe file**

[**https://chromedriver.storage.googleapis.com/index.html?path=2.34/**](https://chromedriver.storage.googleapis.com/index.html?path=2.34/)

System.*setProperty*("webdriver.chrome.driver", "E:\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver = **new** ChromeDriver();

driver.get("https://www.google.com");