3. Problem Statement

Assignment – 1.1

Task

Record a new session for base URL as https://magento.com/ and then click on the icon to navigate to

customer login page and then to Registration Page and automate all the fields.


```java
package com.ibm.seleniumconcepts;
import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.ie.InternetExplorerDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

public class SeleniumBrowser
{

public static void main(String[] args) throws InterruptedException
{


System.setProperty("webdriver.chrome.driver","./Drivers/chromedriver.exe");
System.setProperty("webdriver.gecko.driver","./Drivers/geckodriver.exe");
System.setProperty("webdriver.ie.driver","./Drivers/IEDriverServer.exe");

/*ChromeOptions opt=new ChromeOptions();
opt.setBinary("C:\\Program                                              Files
(x86)\\Google\\Chrome\\Application\\chrome.exe");

WebDriver driver= new ChromeDriver(opt);*/
WebDriver driver= new FirefoxDriver();
driver.get("https://magento.com/");


WebElement                               myAccount                                =
driver.findElement(By.xpath("//span[text()='Account']/ancestor::a"));
myAccount.click();

WebElement      register     =     driver.findElement(By.xpath("//button[@type='
button']"));
register.click();
```

```java
WebElement                                    firstName                                =
driver.findElement(By.xpath("//input[@id='firstname']"));
firstName.sendKeys("Sweety");
WebElement lasttName = driver.findElement(By.xpath("//input[@id='lastname']"));
lasttName.sendKeys("Agarwal");
WebElement                                    emailAddress                             =
driver.findElement(By.xpath("//input[@id='email_address']"));
emailAddress.sendKeys("sweetaga@in.ibm.com");

WebElement passWord = driver.findElement(By.xpath("//input[@id='password']"));
passWord.sendKeys("autocorrect123");
WebElement                                    passWordconf                             =
driver.findElement(By.xpath("//input[@id='confirmation']"));
passWordconf.sendKeys("autocorrect123");

WebElement tickBox = driver.findElement(By.id("agree_terms"));
tickBox.click();
}


}
```

Assignment – 1.2

Task

Please try to configure Internet Explorer browser and Chrome Browser. We will do the same in the

session as well. But before that try to

This is defining all the three browsers.

```java
package com.ibm.seleniumconcepts;
import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.ie.InternetExplorerDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

public class SeleniumBrowser
{

public static void main(String[] args) throws InterruptedException
{
```

```java
System.setProperty("webdriver.chrome.driver","./Drivers/chromedriver.exe");
System.setProperty("webdriver.gecko.driver","./Drivers/geckodriver.exe");
System.setProperty("webdriver.ie.driver","./Drivers/IEDriverServer.exe");


WebDriver driver= new FirefoxDriver();
WebDriver driver1= new ChromeDriver();
WebDriver driver2= new InternetExplorerDriver();
driver.get("https://magento.com/");

    }

}
```

Below is the exception for the browsers.

```
<terminated> SeleniumBrowser [Java Application] C:\Program Files\Java\jre1.8.0_151\bin\javaw.exe (Nov 29, 2018, 11:33:14 PM)
Exception in thread "main" org.openqa.selenium.WebDriverException: Timed out waiting for driver server to start.
Build info: version: '3.141.59', revision: 'e82be7d358', time: '2018-11-14T08:25:53'
System info: host: 'IBM283-R9ZWLZ4', ip: '192.168.1.8', os.name: 'Windows 7', os.arch: 'amd64', os.version: '6.1', java.version: '1.8.0_15
Driver info: driver.version: ChromeDriver
        at org.openqa.selenium.remote.service.DriverService.waitUntilAvailable(DriverService.java:202)
        at org.openqa.selenium.remote.service.DriverService.start(DriverService.java:188)
        at org.openqa.selenium.remote.service.DriverCommandExecutor.execute(DriverCommandExecutor.java:79)
        at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:552)
        at org.openqa.selenium.remote.RemoteWebDriver.startSession(RemoteWebDriver.java:213)
        at org.openqa.selenium.remote.RemoteWebDriver.<init>(RemoteWebDriver.java:131)
        at org.openqa.selenium.chrome.ChromeDriver.<init>(ChromeDriver.java:181)
        at org.openqa.selenium.chrome.ChromeDriver.<init>(ChromeDriver.java:168)
        at org.openqa.selenium.chrome.ChromeDriver.<init>(ChromeDriver.java:123)
        at com.ibm.seleniumconcepts.SeleniumBrowser.main(SeleniumBrowser.java:30)
Caused by: org.openqa.selenium.net.UrlChecker$TimeoutException: Timed out waiting for [http://localhost:33628/status] to be available afte
        at org.openqa.selenium.net.UrlChecker.waitUntilAvailable(UrlChecker.java:100)
        at org.openqa.selenium.remote.service.DriverService.waitUntilAvailable(DriverService.java:197)
        ... 9 more
Caused by: java.util.concurrent.TimeoutException
        at java.util.concurrent.FutureTask.get(Unknown Source)
        at com.google.common.util.concurrent.SimpleTimeLimiter.callWithTimeout(SimpleTimeLimiter.java:156)
```