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| Assignment 1016 | |
| Name | Tamarraw Redfern |
| Date | November 5th Class |
| Assignment | 1. Record and play the website: <https://percentagecalculator.net/> verify the result value. 2. Export .java code for the above recording. 3. Save the project as .side file. 4. Do the above three steps for Yahoo mail as well. 5. Create a .jar file with package name as mathematics and class name as Algebra having two methods factorial and power. 6. Use the jar file that I have mailed you and find factorial of 6 and 7 power 4. 7. Download the Selenium jar files and add it to your project. 8. Download Chrome Driver and save it to some location in your computer. 9. Add the below two lines: System.setProperty("webdriver.chrome.driver","D:\\Drivers\\chromedriver.exe");   WebDriver driver = new ChromeDriver();   1. Create a project to open Google website and enter your name in the Google textb. |

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| 1. **Record and play the website:** [**https://percentagecalculator.net/**](https://percentagecalculator.net/) **verify the result value.** |
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| 1. Export .java code for the above recording. |
| // Generated by Selenium IDE  import org.junit.Test;  import org.junit.Before;  import org.junit.After;  import static org.junit.Assert.\*;  import static org.hamcrest.CoreMatchers.is;  import static org.hamcrest.core.IsNot.not;  import org.openqa.selenium.By;  import org.openqa.selenium.WebDriver;  import org.openqa.selenium.firefox.FirefoxDriver;  import org.openqa.selenium.chrome.ChromeDriver;  import org.openqa.selenium.remote.RemoteWebDriver;  import org.openqa.selenium.remote.DesiredCapabilities;  import org.openqa.selenium.Dimension;  import org.openqa.selenium.WebElement;  import org.openqa.selenium.interactions.Actions;  import org.openqa.selenium.support.ui.ExpectedConditions;  import org.openqa.selenium.support.ui.WebDriverWait;  import org.openqa.selenium.JavascriptExecutor;  import org.openqa.selenium.Alert;  import org.openqa.selenium.Keys;  import java.util.\*;  import java.net.MalformedURLException;  import java.net.URL;  public class Test3Test {  private WebDriver driver;  private Map<String, Object> vars;  JavascriptExecutor js;  @Before  public void setUp() {  driver = new ChromeDriver();  js = (JavascriptExecutor) driver;  vars = new HashMap<String, Object>();  }  @After  public void tearDown() {  driver.quit();  }  @Test  public void test3() {  driver.get("https://percentagecalculator.net/");  driver.manage().window().setSize(new Dimension(1382, 744));  driver.findElement(By.cssSelector("#f1 > .values > input")).click();  driver.findElement(By.cssSelector("#f1 > .values > input")).sendKeys("50");  driver.findElement(By.cssSelector("#f1 nobr > input")).click();  driver.findElement(By.cssSelector("#f1 nobr > input")).sendKeys("80");  driver.findElement(By.cssSelector("#f1 > .results > input:nth-child(1)")).click();  driver.findElement(By.cssSelector("#f1 input:nth-child(2)")).click();  {  String value = driver.findElement(By.cssSelector("#f1 input:nth-child(2)")).getAttribute("value");  assertThat(value, is("40")); |

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| 1. **Save the project as .side file.** |
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| 1. **Do the above three steps for Yahoo mail as well.** |
| 1. Record and play the website verify the result value. |
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| 1. **Export .java code for the above recording.** |
| // Generated by Selenium IDE  import org.junit.Test;  import org.junit.Before;  import org.junit.After;  import static org.junit.Assert.\*;  import static org.hamcrest.CoreMatchers.is;  import static org.hamcrest.core.IsNot.not;  import org.openqa.selenium.By;  import org.openqa.selenium.WebDriver;  import org.openqa.selenium.firefox.FirefoxDriver;  import org.openqa.selenium.chrome.ChromeDriver;  import org.openqa.selenium.remote.RemoteWebDriver;  import org.openqa.selenium.remote.DesiredCapabilities;  import org.openqa.selenium.Dimension;  import org.openqa.selenium.WebElement;  import org.openqa.selenium.interactions.Actions;  import org.openqa.selenium.support.ui.ExpectedConditions;  import org.openqa.selenium.support.ui.WebDriverWait;  import org.openqa.selenium.JavascriptExecutor;  import org.openqa.selenium.Alert;  import org.openqa.selenium.Keys;  import java.util.\*;  import java.net.MalformedURLException;  import java.net.URL;  public class Test2Test {  private WebDriver driver;  private Map<String, Object> vars;  JavascriptExecutor js;  @Before  public void setUp() {  driver = new ChromeDriver();  js = (JavascriptExecutor) driver;  vars = new HashMap<String, Object>();  }  @After  public void tearDown() {  driver.quit();  }  @Test  public void test2() {  driver.get("https://login.yahoo.com/manage\_account?src=noSrc&signin=true&done=https%3A%2F%2Fwww.yahoo.com%2F&eid=100");  driver.manage().window().setSize(new Dimension(842, 718));  driver.findElement(By.linkText("Use another account")).click();  driver.findElement(By.id("login-username")).click();  driver.findElement(By.id("login-username")).sendKeys("Tamarraw");  }  } |
| 1. **Save the project as .side file.** |
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| 1. **Create a .jar file with package name as mathematics and class name as Algebra having two methods factorial and power.** |
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| 1. **Use the .jar file that I have mailed you and find factorial of 6 and 7 power 4.** |
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| **Result** |
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| 1. **Download the Selenium jar files and add it to your project.** |
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| **Result** |
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| 1. **Download Chrome Driver and save it to some location in your computer.** |
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| 1. **Add the below two lines:**   System.setProperty("webdriver.chrome.driver","D:\\Drivers\\chromedriver.exe");  WebDriver driver = new ChromeDriver(); |
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| **Result** |
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| 1. **Create a project to open Google website and enter your name in the Google textb.** |
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| **Result** |
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