**LAB: 8**

**Objective:**

Write a program to count the number of check boxes on the page: checked and unchecked count.

**Requirements:**

1. Windows PC (Windows 7/8/10) / Mac
2. JDK 15
3. Eclipse IDE
4. Selenium jar file

**Code:**

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| import java.util.List;  import org.openqa.selenium.By;  import org.openqa.selenium.WebDriver;  import org.openqa.selenium.WebElement;  import org.openqa.selenium.chrome.ChromeDriver;  public class CountCheckedUncheckedCheckBoxes {        static String driverType = "webdriver.chrome.driver";      static String driverLoc = "Resources\\chromedriver\_new.exe";      static String baseURL = "http://uitestpractice.com/Students/Form";      public static void main(String[] *args*) throws InterruptedException {          System.setProperty(driverType, driverLoc);          WebDriver driver = new ChromeDriver();          driver.get(baseURL);              driver.findElement(By.xpath("//input[@value='dance']")).click();          driver.findElement(By.xpath("//input[@value='cricket']")).click();          List <WebElement> webElements = driver.findElements(By.xpath("//input[@type='checkbox']"));          int checkedCount = 0;          int uncheckedCount = 0;          for (int i=0;i < webElements.size();i++){              if ( webElements.get(i).isSelected() == true) {                  checkedCount++;              }else {                  uncheckedCount++;              }           }           System.out.println("Number of checked checkboxes are " +checkedCount);           System.out.println("Number of unchecked checkboxes are " + uncheckedCount);           driver.quit();      }  } |

**Output:**

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