Milestone Assessment 3

Code:

**import** java.util.List;

**import** java.util.Set;

**import** java.util.concurrent.TimeUnit;

**import** javax.swing.text.html.HTMLDocument.Iterator;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.Keys;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.interactions.Actions;

//import org.testng.internal.thread.TestNGThread;

**public** **class** milestoneAsessment\_3 {

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

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

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

driver.get("http://the-internet.herokuapp.com/");

//driver.findElement(By.partialLinkText("Hovers")).click();

Thread.*sleep*(1000L);

driver.findElement(By.*cssSelector*("a[href\*='/hovers']")).click();

//driver.findElement(By.xpath("//img[@alt='User Avatar']")).click();

Thread.*sleep*(1000L);

Actions a1 = **new** Actions(driver);

a1.moveToElement(driver.findElement(By.*xpath*("//img[@alt='User Avatar']")))

.build()

.perform();

Thread.*sleep*(1000L);

//System.out.println(driver.findElement(By.cssSelector("div[class='figcaption']")));

String firstImageText = driver.findElement(By.*xpath*("//\*[@id=\"content\"]/div/div[1]/div/h5")).getText();

System.***out***.println(firstImageText.substring(6));

driver.navigate().back();

driver.findElement(By.*xpath*("//\*[@id=\"content\"]/ul/li[6]/a")).click();

List <WebElement> choose = driver.findElements(By.*xpath*("//input[@type='checkbox']"));

Thread.*sleep*(1000L);

**for**(**int** i=0; i<choose.size(); i++) {

**if**(choose.get(i).isSelected() == **true**) {

choose.get(i).click();

}

}

Thread.*sleep*(2000);

**for**(**int** i=0; i<choose.size(); i++) {

choose.get(i).click();

}

driver.navigate().back();

driver.findElement(By.*linkText*("Inputs")).click();

driver.findElement(By.*cssSelector*("input[type='number']")).sendKeys("1234");

driver.navigate().back();

driver.findElement(By.*linkText*("Dropdown")).click();

driver.findElement(By.*id*("dropdown")).click();

driver.findElement(By.*id*("dropdown")).sendKeys(Keys.***DOWN***);

driver.findElement(By.*id*("dropdown")).sendKeys(Keys.***DOWN***);

driver.findElement(By.*id*("dropdown")).sendKeys(Keys.***ENTER***);

driver.navigate().back();

driver.findElement(By.*xpath*("//\*[@id=\"content\"]/ul/li[18]/a")).click();

driver.findElement(By.*id*("file-upload")).sendKeys("C:\\Users\\Vishvas\\OneDrive\\Desktop\\sample.txt");

Thread.*sleep*(1000L);

driver.findElement(By.*id*("file-submit")).click();

driver.navigate().back();

driver.navigate().back();

driver.findElement(By.*xpath*("//\*[@id=\"content\"]/ul/li[41]/a")).click();

**int** i = 1;

String nameXpath = "//\*[@id=\"table1\"]/tbody/tr[" + i + "]/td[2]";

**while**(driver.findElements(By.*xpath*(nameXpath)).size() > 0) {

String name = driver.findElement(By.*xpath*(nameXpath)).getText();

**if**(name.equalsIgnoreCase("Tim")) {

String emailXpath = "//\*[@id=\"table1\"]/tbody/tr[" + i + "]/td[3]";

String webSiteXpath = "//\*[@id=\"table1\"]/tbody/tr[" + i + "]/td[5]";

String email = driver.findElement(By.*xpath*(emailXpath)).getText();

String webSite = driver.findElement(By.*xpath*(webSiteXpath)).getText();

System.***out***.println("Email: "+ email + ", Website: " + webSite);

**break**;

}

i++;

nameXpath = "//\*[@id=\"table1\"]/tbody/tr[" + i + "]/td[2]";

}

driver.navigate().back();

driver.findElement(By.*xpath*("//\*[@id=\"content\"]/ul/li[31]/a")).click();

WebElement element = driver.findElement(By.*xpath*("//\*[@id=\"result\"]"));

driver.findElement(By.*xpath*("//\*[@id=\"target\"]")).click();

driver.findElement(By.*xpath*("//\*[@id=\"target\"]")).sendKeys(Keys.***SHIFT***);

String keyPressed = element.getText();

System.***out***.println(keyPressed);

driver.navigate().back();

driver.findElement(By.*linkText*("Multiple Windows")).click();

driver.findElement(By.*xpath*("//\*[@id=\"content\"]/div/a")).click();

Set<String> ids = driver.getWindowHandles();

Iterator<String> it = ids.iterator();

String parentPage = it.next();

String childPage = it.next();

driver.switchTo().window(childPage);

String childPageText = driver.findElement(By.*xpath*("/html/body/div/h3")).getText();

System.***out***.println(childPageText);

driver.switchTo().window(parentPage);

driver.navigate().back();

}

}