

```

1 package Application;
2
3 //import java.sql.Driver;
4 import java.util.Set;
5
6 import org.openqa.selenium.By;
7 import org.openqa.selenium.Keys;
8 import org.openqa.selenium.WebDriver;
9 import org.openqa.selenium.WebElement;
10 import org.openqa.selenium.chrome.ChromeDriver;
11
12 //import
    net.bytebuddy.description.annotation.AnnotationValue.ForAnnotationDescription.IncompatibleR
    untimeType;
13
14 public class WindowHandleExample {
15     WebDriver driver = new ChromeDriver();
16     String parentWindow = driver.getWindowHandle();
17     void windowHandle() throws InterruptedException {
18         driver.get("http://leafground.com/home.html");
19         WebElement windowPage = driver.findElement(By.xpath("//*[@id=\"post-153\"]/div
    [2]/div/ul/li[11]/a/h5"));
20         windowPage.click();
21         String url = driver.getCurrentUrl();
22         System.out.println("The current url is: " + url);
23         WebElement button1Element = driver.findElement(By.id("home"));
24         button1Element.click();
25         newWindow();
26     }
27
28     void newWindow() throws InterruptedException {
29         //String parentWindow = driver.getWindowHandle();
30         //driver.getWindowHandle();
31         Set<String> tabSet = driver.getWindowHandles();
32         for (String newWindow : tabSet) {
33             if (!parentWindow.equals(newWindow)) {
34                 driver.switchTo().window(newWindow);
35             }
36         }
37         // driver.switchTo().window(parentWindow);
38         WebElement edit = driver.findElement(By.linkText("Edit"));
39         edit.click();
40         WebElement email = driver.findElement(By.id("email"));
41         email.sendKeys("hari.777.a12mail.com" + Keys.TAB);
42         WebElement appendText = driver.findElement(By.xpath("//*[@id=\"contentblock
    \"]/section/div[2]/div/div/input"));
43         String valueString = appendText.getAttribute("value");
44         System.out.println("The value of the appendText: " + valueString);
45         appendText.clear();
46         appendText.sendKeys("Now I am Single", Keys.TAB);
47         WebElement defaultText = driver.findElement(By.xpath("//*[@id=\"contentblock
    \"]/section/div[2]/div/div/input"));
48         String valueString1 = defaultText.getAttribute("value");
49         System.out.println("The default text is:" + valueString1);
50         WebElement clearField = driver.findElement(By.xpath("//*[@id=\"contentblock
    \"]/section/div[4]/div/div/input"));
51         String valueString3 = clearField.getAttribute("value");
52         System.out.println("The clear text field is: " + valueString3);
53         clearField.clear();
54         WebElement defaultElement = driver
55             .findElement(By.xpath("//*[@id=\"contentblock\"]/section/div
    [5]/div/div/input"));

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56         boolean isEnabled = defaultElement.isEnabled();
57         System.out.println("The field type is disabled : " + isEnabled);
58
59         if (isEnabled != false) {
60             System.out.println("The field type is open");
61         } else {
62             System.out.println("The field type is disabled : " + isEnabled);
63         }
64         driver.close();
65
66         windowCount();
67     }
68     void windowCount() throws InterruptedException {
69         driver.switchTo().window(parentWindow);
70         WebElement countTabs = driver.findElement(By.xpath("//*[@id=\"contentblock
71         \"/section/div[2]/div/div/button)"));
72         countTabs.click();
73         Set<String> multiTab1 = driver.getWindowHandles();
74         int x = multiTab1.size();
75         System.out.println("The number of opening Tab :"+ x );
76         WebElement multiWindoWebElement = driver.findElement(By.id("color"));
77         multiWindoWebElement.click();
78         Set<String> multiTab2 = driver.getWindowHandles();
79         for(String close : multiTab2) {
80             if (!parentWindow.equals(close)) {
81                 driver.switchTo().window(close);
82                 driver.close();
83             }
84         }
85         driver.switchTo().window(parentWindow);
86         WebElement after5sec = driver.findElement(By.xpath("//*[@id=\"color\"]"));
87         Thread.sleep(3000);
88         after5sec.click();
89         Set<String> multiTab3 = driver.getWindowHandles();
90         for(String close : multiTab3) {
91             if (!parentWindow.equals(close)) {
92                 driver.switchTo().window(close);
93                 driver.close();
94             }
95         }
96         driver.quit();
97     }
98     public static void main(String[] args) throws InterruptedException {
99         // TODO Auto-generated method stub
100        System.setProperty("webdriver.chrome.driver", "C://program
101        Files//Selenium//chromedriver.exe");
102        WindowHandleExample b = new WindowHandleExample();
103        b.windowHandle();
104    }
105 }
106

```