
Java Script Executor

Write a program to get the domain name of the application?

```
package javaScriptExecutor;

import java.util.concurrent.TimeUnit;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class Domain {
    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://demo.actitime.com/login.do");
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

        JavascriptExecutor JS = (JavascriptExecutor) driver;

        String Domain = JS.executeScript("return document.domain").toString();
        System.out.println("Domain name of the application is: "+Domain);
        driver.close();
    }
}
```

Write a program to refresh the page?

```
package javaScriptExecutor;

import java.util.concurrent.TimeUnit;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class JS_RefreshTheBrowser {
    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");

        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://demo.actitime.com/login.do");
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
        JavascriptExecutor JS = (JavascriptExecutor) driver;
        Thread.sleep(5000);
        JS.executeScript("history.go(0)");

        driver.close();
    }
}
```

Write a program to enter the URL without using “get” and “to” method.

```
package javaScriptExecutor;

import java.util.concurrent.TimeUnit;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class Location {
    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        JavascriptExecutor JS = (JavascriptExecutor) driver;
        JS.executeScript("window.location='https://www.google.com'");
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

        driver.close();
    }
}
```

Write a program to open the new tab and enter the URL?

```
package javaScriptExecutor;

import java.util.concurrent.TimeUnit;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class Open {
    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.google.com");
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

        JavascriptExecutor JS = (JavascriptExecutor) driver;
        JS.executeScript("window.open('https://demo.actitime.com')");

        Thread.sleep(10000);
        driver.quit();
    }
}
```

Write a program to get the title of the web page?

```
package javaScriptExecutor;

import java.util.concurrent.TimeUnit;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class Title {
    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://demo.actitime.com/login.do");
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

        JavascriptExecutor JS = (JavascriptExecutor) driver;
        String title = JS.executeScript("return document.title").toString();
        System.out.println("Title of the page is: " + title);

        driver.close();
    }
}
```

Write a program to get the URL?

```
package javaScriptExecutor;

import java.util.concurrent.TimeUnit;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class URL {
    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://demo.actitime.com/login.do");
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

        JavascriptExecutor JS = (JavascriptExecutor) driver;
        String URL = JS.executeScript("return document.URL").toString();
        System.out.println("URL is: " + URL);
        driver.close();
    }
}
```

Write a program to select the invisible checkboxes in flipkart?

```
package javaScriptExecutor;

import java.util.List;
import java.util.concurrent.TimeUnit;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class SelectCheckBoxes {
    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver", "D:/Softwares/Drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.flipkart.com/search?q=phones&otracker=start&as-show=off&as=off");
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

        List checkBoxes = driver.findElements(By.xpath("//span[text()='Add to Compare']/../input"));
        int count = checkBoxes.size();
        System.out.println("Total number of check boxes is: " + count);

        for (int i = 0; i <= 4; i++) {
            JavascriptExecutor JS = (JavascriptExecutor) driver;
            JS.executeScript("arguments[0].click()", checkBoxes.get(i));
            Thread.sleep(2000);
        }
        driver.close();
    }
}
```

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