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package com.simplilearn.testng;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.NoSuchElementException;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.openqa.selenium.support.pagefactory.ElementLocator;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

public class NewTest {
    WebDriver driver;

    @BeforeMethod
    public void beforeMethod() {

        System.setProperty("webdriver.chrome.driver",
            "C:\\\\ANAND drive\\\\Phase
5\\\\chromedriver_win32\\\\chromedriver.exe");
        driver = new ChromeDriver();
    }

    @Test
    public void LoadTime() {
        long start = System.currentTimeMillis();
        driver.get("https://www.flipkart.com/");
        long finish = System.currentTimeMillis();
        long loadTime = finish - start;
        System.out.println("time taken to load the page="
+ loadTime);
    }
}

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@Test
public void search() {
    try {
        driver.get("https://www.flipkart.com/");

        //        maximise the window

        driver.manage().window().maximize();

        // get title of page
        System.out.println("Title:" +
driver.getTitle());

driver.findElement(By.xpath("/html/body/div[2]/div/div/button")).
click();

        System.out.println("Logged In....");

        WebElement search =
driver.findElement(By.name("q"));
        search.sendKeys("iphone13");

driver.findElement(By.cssSelector("#container > div > div._1kfTjk
> div._1rH5Jn > div._2Xfa2_ > div._1cmsER > form > div >
button")).click();

        System.out.println("Iphone 13 is being
searched");

        Thread.sleep(12000);

        WebElement ImageFile =
driver.findElement(By.xpath("//*[@id=\"container\"] /div/div[3]/di
v[1]/div[2]/div[3]/div/div/div/a/div[1]/div[1]/div/div/img"));

        Boolean ImagePresent = (Boolean)
((JavascriptExecutor) driver).executeScript("return
arguments[0].complete && typeof arguments[0].naturalWidth !=
\"undefined\" && arguments[0].naturalWidth > 0",ImageFile);
        if (!ImagePresent) {

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                System.out.println("Image not
displayed.");
            } else {
                System.out.println("Image
displayed.");
            }
            JavascriptExecutor js =
(JavascriptExecutor) driver;

js.executeScript("window.scrollTo(0,700)"); // Scroll Down(+ve)
            System.out.println("scrolled down by 700
pixels ");

        } catch (InterruptedException e) {

            e.printStackTrace();
        }
    }

    @AfterMethod
    public void afterMethod() {
        // driver.close();
        driver = null;
    }
}

```