

FlipkartTest.java

```
package com.testing;

import org.testng.annotations.Test;
import org.testng.annotations.BeforeMethod;

import java.time.Duration;

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;
import org.testng.annotations.AfterMethod;

public class FlipkartTest {
    @Test
    public void FlipkartTesting() throws InterruptedException {

        System.out.println("Navigate to the home page");
        wd.get("https://www.flipkart.com/");
        wd.manage().window().maximize();
        wd.manage().timeouts().implicitlyWait(Duration.ofMinutes(2));
        System.out.println("Navigation done on Chrome\n");

        System.out.println("Page load time");
        long start = System.currentTimeMillis();
        long finish = System.currentTimeMillis();
        long totalTime = finish - start;
        System.out.println("Total Time for page load - "+totalTime+"\n");

        System.out.println("Searching for an item");
        WebElement textFieldRef = wd.findElement(By.name("q"));
        textFieldRef.sendKeys("Iphone 13");
        WebElement buttonRef = wd.findElement(By.className("L0Z3Pu"));
        buttonRef.click();
        System.out.println("Search done successfully\n");

        //      System.out.println("Checking whether images are loaded");
        //      List<WebElement> image1 = wd.findElements(By.className("CXW8mj"));
        //      Boolean imageLoaded1 = (Boolean)
        ((JavascriptExecutor)wd).executeScript("return arguments[0].complete && "+
        //      "typeof arguments[0].naturalWidth != \"undefined\" && "+
        //      "arguments[0].naturalWidth > 0", image1);
        //      if (!imageLoaded1)
```

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//      {
//          System.out.println("1. Image is not present");
//      }
//      else
//      {
//          System.out.println("1. Got it");
//      }
//      System.out.println("The images are loaded and visible till the
screen height only\n");

        JavascriptExecutor js = (JavascriptExecutor)wd;

        try {
            long temp = 0;
            while (true) {
                ((JavascriptExecutor) wd).executeScript("window.scrollTo(0,
document.body.scrollHeight);");
                Thread.sleep(2500);
                long Start = (Long) ((JavascriptExecutor)
wd).executeScript("return document.body.scrollHeight");
                if (Start == temp) {
                    break;
                }
                temp = Start;
            }
            System.out.println("Scrolling completed and works
successfully");
            System.out.println("Images loaded successfully\n");
        } catch (Exception e) {
            e.printStackTrace();
        }

        System.out.println("Navigate to the bottom of the page");
        js.executeScript("window.scrollTo(0,document.body.scrollHeight)");
        System.out.println("Navigation done successfully\n");

    }

    WebDriver wd;
    @BeforeMethod
    public void beforeMethod() {
        System.setProperty("webdriver.chrome.driver",
"C:\\Users\\Admin\\Desktop\\Saveri\\chromedriver_win32\\chromedriver.exe")
;
        wd=new ChromeDriver();
    }

```

```
@AfterMethod  
public void afterMethod() {  
}  
  
}
```