

```

package com.formation;

import java.nio.file.Path;
import java.nio.file.Paths;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Overview_1 {

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

        // Indiquer le chemin vers le driver chrome
        String chromeDriverPath = "D:\\space\\selenium\\chromedriver.exe";
        System.setProperty("webdriver.chrome.driver", chromeDriverPath);

        gettingStaleElementReferenceException();
    }

    private static void gettingStaleElementReferenceException() throws InterruptedException {

        WebDriver driver = new ChromeDriver();

        try {
            Path sampleFile = Paths.get("pages/activity-1.html");
            driver.get(sampleFile.toUri().toString());

            WebElement spanish = driver.findElement(By.id("spanish"));
            spanish.click();

            WebElement email = driver.findElement(By.id("inputEmail"));

            email.sendKeys("email@gmail.com");

            Thread.sleep(5000);

            // We use getAttribute("value") because it is an input element, not a text box
            if (email.getAttribute("value").equalsIgnoreCase("email@gmail.com")) {
                System.out.println("=> 'email@gmail.com' tapé.");
            } else {
                System.out.println("Mauvais script.");
            }
        } finally {
            driver.quit();
        }
    }
}

```

```

package com.formation;

import java.nio.file.Path;
import java.nio.file.Paths;

import org.openqa.selenium.By;
import org.openqa.selenium.StaleElementReferenceException;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Overview_2 {

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

        // Indiquer la chemie vers le driver chrome

        String chromeDriverPath = "D:\\space\\selenium\\chromedriver.exe";
        System.setProperty("webdriver.chrome.driver", chromeDriverPath);

        avoidingStaleElementReferenceException();

    }

    private static void avoidingStaleElementReferenceException() throws InterruptedException {

        WebDriver driver = new ChromeDriver();

        try {
            Path sampleFile = Paths.get("pages/activity-1.html");
            driver.get(sampleFile.toUri().toString());

            WebElement email = driver.findElement(By.id("inputEmail"));
            WebElement spanish = driver.findElement(By.id("spanish"));
            spanish.click();

            int tries = 0;
            while (tries < 2) {
                try {
                    email.sendKeys("email@gmail.com");

                    Thread.sleep(2000);

                    // We use getAttribute("value") because it is an input element, not a text box
                    if (email.getAttribute("value").equalsIgnoreCase("email@gmail.com")) {
                        System.out.println("-> 'email@gmail.com' tapé.");
                    } else {
                        System.out.println("Wrong script.");
                    }

                    break;
                } catch (StaleElementReferenceException e) {
                    email = driver.findElement(By.id("inputEmail"));
                }
                tries++;
            }
        } finally {
            driver.quit();
        }
    }
}

```

```

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;

import java.nio.file.Path;
import java.nio.file.Paths;
import java.util.List;

public class FindElement_3 {

    public static void main(String[] args) {
        // Indiquer le chemin vers le driver chrome
        String chromeDriverPath = "D:\\space\\selenium\\chromedriver.exe";
        System.setProperty("webdriver.chrome.driver", chromeDriverPath);

        locatingElements();
    }

    private static void locatingElements() {
        WebDriver driver = new ChromeDriver();

        try {
            Path sampleFile = Paths.get("pages/activity-2.html");
            driver.get(sampleFile.toUri().toString());

            // Using id
            WebElement lastName = driver.findElement(By.id("lastName"));
            if (lastName.isDisplayed()) {
                System.out.println("lastName is visible");
            } else {
                System.out.println("Wrong script 1");
            }

            // Using name
            WebElement hobbies = driver.findElement(By.name("hobbies"));
            if (hobbies.isDisplayed()) {
                System.out.println("hobbies is visible");
            } else {
                System.out.println("Wrong script 2");
            }

            // Using class name (in this case, coincidentally the first name is the first
            // element of this kind
            WebElement firstName = driver.findElement(By.className("form-control"));
            if (firstName.isDisplayed()) {
                System.out.println("hobbies is visible");
            } else {
                System.out.println("Wrong script 3");
            }

            // Using HTML tag
            List

```