HIGHLIGHT WEBELEMENTS:

```
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```

```
import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class HighlightWebElement {

	public static void main(String[] args) {
		WebDriverManager.chromedriver().setup();
		WebDriver driver = new ChromeDriver();
		driver.get("https://www.google.com/");

		WebElement element = driver.findElement(By.id("SIvCob"));

		JavascriptExecutor js = (JavascriptExecutor) driver;

		js.executeScript("arguments[0].setAttribute('style','background:red')"
				,element);

		driver.close();
	}

}
```

LINK COUNT:

```
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```

```
import java.util.List;

import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class A02_Link {

	public static void main(String[] args) {
		WebDriverManager.chromedriver().setup();
		WebDriver driver = new ChromeDriver();
		driver.get("https://www.facebook.com/");

		List<WebElement> element = driver.findElements(By.tagName("a"));

		int linkCount = element.size();
		System.out.println("Total number of links in the webpage"+linkCount);

		driver.quit();
	}

}
```

PRINT LINKS IN THE WEBPAGE:

==========

```
import java.util.Iterator;
import java.util.List;

import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class A02_Link {

	public static void main(String[] args) {
		WebDriverManager.chromedriver().setup();
		WebDriver driver = new ChromeDriver();
		driver.get("https://www.facebook.com/");

		List<WebElement> element = driver.findElements(By.tagName("a"));

		for (int i = 0; i < element.size(); i++) {
			WebElement link = element.get(i);
			String attribute = link.getAttribute("href");
			System.out.println(attribute);
		}
		driver.quit();
	}

}
```

BROKEN LINK AND COUNT:
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```
import java.io.IOException;
import java.net.HttpURLConnection;
import java.net.URL;
import java.net.URLConnection;
import java.util.List;

import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class A02_Link {

public static void main(String[] args) throws IOException {
	WebDriverManager.chromedriver().setup();
	WebDriver driver = new ChromeDriver();
	driver.get("https://www.facebook.com/");

	List<WebElement> element = driver.findElements(By.tagName("a"));

	int linkCount = element.size();
	System.out.println("Total number of links in the webpage" + linkCount);

	int count = 0;

	for (int i = 0; i < element.size(); i++) {
		WebElement link = element.get(i);
		String attribute = link.getAttribute("href");

		if (attribute != null) {
			URL url = new URL(attribute);
			URLConnection openConnection = url.openConnection();
			HttpURLConnection http = (HttpURLConnection) openConnection;
			int responseCode = http.getResponseCode();

			if (responseCode != 200) {
				count++;
				System.out.println("BrokenLink======>" + attribute);
			}
		}
	}
		System.out.println("BrokenLink count======>" + count);
		driver.quit();
}
}
```

IMAGE COUNT:

```
============
```

```
import java.util.List;

import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class A02_Link {

	public static void main(String[] args) {
		WebDriverManager.chromedriver().setup();
		WebDriver driver = new ChromeDriver();
		driver.get("https://www.facebook.com/");

		List<WebElement> element = driver.findElements(By.tagName("img"));

		int linkCount = element.size();
		System.out.println("Total number of images in the webpage"+linkCount);

		driver.quit();
	}

}
```

PRINT IMAGE IN THE WEBPAGE:

```
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```

```
import java.util.Iterator;
import java.util.List;

import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;
import io.github.bonigarcia.wdm.WebDriverManager;

public class A02_Link {

	public static void main(String[] args) {
		WebDriverManager.chromedriver().setup();
		WebDriver driver = new ChromeDriver();
		driver.get("https://www.facebook.com/");

		List<WebElement> element = driver.findElements(By.tagName("img"));

		for (int i = 0; i < element.size(); i++) {
			WebElement link = element.get(i);
			String attribute = link.getAttribute("src");
			System.out.println(attribute);
		}
		driver.quit();
	}
```

BROKEN IMAGE AND COUNT:
==========

```
import java.io.IOException;
import java.net.HttpURLConnection;
import java.net.URL;
import java.net.URLConnection;
import java.util.List;

import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class A02_Link {

public static void main(String[] args) throws IOException {
	WebDriverManager.chromedriver().setup();
	WebDriver driver = new ChromeDriver();
	driver.get("https://www.facebook.com/");

	List<WebElement> element = driver.findElements(By.tagName("img"));

	int linkCount = element.size();
	System.out.println("Total number of images in the webpage" + linkCount);

	int count = 0;

	for (int i = 0; i < element.size(); i++) {
		WebElement link = element.get(i);
		String attribute = link.getAttribute("src");

		if (attribute != null) {
			URL url = new URL(attribute);
			URLConnection openConnection = url.openConnection();
			HttpURLConnection http = (HttpURLConnection) openConnection;
			int responseCode = http.getResponseCode();

			if (responseCode != 200) {
				count++;
				System.out.println("BrokenImages======>" + attribute);
			}
		}
	}
		System.out.println("BrokenImage count======>" + count);
		driver.quit();
}
}
```