1.Adding elements to a list:

**import** java.util.ArrayList;

**import** java.util.List;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

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

**public** **class** Listadd {

**public** **static** **void** main(String[] args) {

// Initialize ChromeDriver

WebDriver driver = **new** ChromeDriver();

// Navigate to the webpage

driver.get("https://demoqa.com/books");

// Maximize the window (optional)

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

// Find multiple elements and add them to a list

List<WebElement> elements = driver.findElements(By.*xpath*("//span[@class='mr-2']"));

// Create an empty list to store the text of the elements

List<String> textList = **new** ArrayList<>();

// Iterate over the elements and add their text to the list

**for** (WebElement element : elements) {

textList.add(element.getText());

}

// Print the list

System.***out***.println(textList);

// Close the browser

driver.quit();

}

}

2.Removing elements to a list:

List<String> list = new ArrayList<>();

list.add("A");

list.add("B");

list.add("C");

List<String> elementsToRemove = Arrays.asList("B", "C");

list.removeAll(elementsToRemove); // Remove elements "B" and "C" from the list

System.out.println(list); // Output: [A]

3.List of Strings- < 10 names> - Do some actions of these strings. For loop to access each and every element in the list

import java.util.ArrayList;

import java.util.List;

public class StringListActions {

public static void main(String[] args) {

// Create a list of strings with 10 names

List<String> names = new ArrayList<>();

names.add("Alice");

names.add("Bob");

names.add("Charlie");

names.add("David");

names.add("Eve");

names.add("Frank");

names.add("Grace");

names.add("Henry");

names.add("Ivy");

names.add("Jack");

// Perform actions on each element using a for loop

for (String name : names) {

// For example, print each name to the console

System.out.println("Name: " + name);

// You can perform any other actions here based on your requirement

// For example, you can perform some processing on each name

// Or call methods with each name as an argument

}

}

}

4.Find all the links on a give page and print the text of each and every link.

**import** java.util.List;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

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

**public** **class** CountryLinkPrint {

**public** **static** **void** main(String[] args) {

// Initialize ChromeDriver

WebDriver driver = **new** ChromeDriver();

// Navigate to the webpage

driver.get("https://www.officeholidays.com/countries/usa-all/2025");

// Maximize the window (optional)

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

// Find all <tr> elements with class 'country'

List<WebElement> countryRows = driver.findElements(By.*xpath*("//tr[@class='country']"));

// Iterate over the list of country rows

**for** (WebElement row : countryRows) {

// Find <a> elements with class 'country-listing' within each country row

List<WebElement> countryLinks = row.findElements(By.*className*("country-listing"));

// Iterate over the list of links within the country row

**for** (WebElement link : countryLinks) {

// Print the text content of each link

System.***out***.println("Text: " + link.getText());

}

}

// Close the browser

driver.close();

}

}