Practical No. 9

Testing List/Combo Box

**Q.1]** Write and test a program to get the number of items in a list / combo box.

**Codes**

**[p9website.html]:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Document</title>

<style>

div {

margin: 12px;

}

</style>

</head>

<body>

<div>

<label for="cars">Choose a car:</label>

<select name="cars" id="cars">

<option value="volvo">Volvo</option>

<option value="saab">Saab</option>

<option value="mercedes">Mercedes</option>

<option value="audi">Audi</option>

</select>

</div>

<div>

<label for="pets">Choose a pet:</label>

<select name="pets" id="pets" size="4">

<option value="dog">Dog</option>

<option value="cat">Cat</option>

<option value="hamster">Hamster</option>

<option value="parrot">Parrot</option>

<option value="spider">Spider</option>

<option value="goldfish">Goldfish</option>

</select>

</div>

</body>

</html>

**[pom.xml]:**

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>p9</groupId>

<artifactId>p9</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.11.0</version>

</dependency>

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-chrome-driver</artifactId>

<version>4.11.0</version>

</dependency>

</dependencies>

</project>

**[maintest.java]:**

package p9;

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.util.\*;

public class maintest {

public static void main(String args[]) {

WebDriver driver = new ChromeDriver();

driver.get("http://localhost:8000/p9website.html");

Select cars = new Select(driver.findElement(By.*id*("cars")));

Select pets = new Select(driver.findElement(By.*id*("pets")));

List<WebElement> carOptions = cars.getOptions();

List<WebElement> petOptions = pets.getOptions();

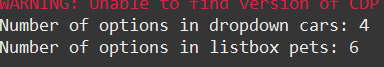
System.***out***.println("Number of options in dropdown cars: " + carOptions.size());

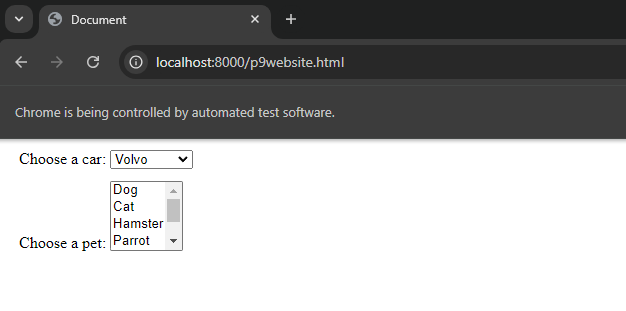
System.***out***.println("Number of options in listbox pets: " + petOptions.size());

}

}

**Output:**

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