**PRACTICAL NO :8**

Write a program using Selenium WebDriver to get the number of items in a list or combo box on a web page. Perform element identification and counting.

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* **Input :**
* **Code ForPractical8.html File :**

<html>

<head>

<title>STQA Practical 8</title>

</head>

<body>

<h2>Registration Form</h2>

Enter Your Email :<input type=text name="id" value="" size=20><br>

Enter Your Password :<input type=text name="password" value="" size=20>

<br>

<h2>Select your Class </h2>

<select name="class">

<option value="option1" name="option">T.Y.C.S</option>

<option value="option2" name="option">S.Y.C.S</option>

<option value="option3" name="option">F.Y.C.S</option>

</select>

<br>

<h2>Select your City </h2>

<select name="city">

<option value="" name="OP">Mangaon</option>

<option value="" name="OP">Digas</option>

<option value="" name="OP">nirukhe</option>

<option value="" name="OP">Kudal</option>

<option value="" name="OP">Sawantwadi</option>

</select>

<br>

<h2>Select Your Lanaguges</h2>

<input type="checkbox" id="lang1" name="L1" value="HTML">

<label for="course1">HTML</label><br>

<input type="checkbox" id="lang2" name="L2" value="Python">

<label for="course2">Python</label><br>

<input type="checkbox" id="lang3" name="L3" value="Java">

<label for="course3">Java</label><br>

<input type="checkbox" id="lang4" name="L4" value="Java">

<label for="course4">C++</label>

<br>

<h2>Select Your Gender</h2>

<input type="radio" id="female" name="gender" value="">

<label for="gender1">Female</label><br>

<input type="radio" id="male" name="gender" value="">

<label for="gender2">Male</label><br>

<br>

<input type=Submit name="Register" value="Login" width="5000" height="100">

</a>

<br>

</form>

</body>

</html>

* **Code in NetBeans:**

package practical8stqa;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

/\*\*

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\* @author SEJAL

\*/

public class Practical8STQA {

public static void main(String[] args) {

int count=0;

System.setProperty("webdriver.gecko.driver","D:\\@TYCS\\Software Testing & Quality\\Practical 8\\Practical8STQA\\src\\Driver\\geckodriver.exe");

WebDriver driver= new FirefoxDriver();

driver.get("http://localhost/Sejal%20Sawant/@TYCS/Practical8.html");

int i;

//Count Input tag

java.util.List<WebElement>input=driver.findElements(By.tagName("input"));

System.out.println("There Are "+input.size()+" Inputs Tag Are Available");

for(i=0;i<input.size();i++){

System.out.println("Input "+(i+1)+" Name is: "+input.get(i).getAttribute("name")+" and Its Type is:" +input.get(i).getAttribute("type"));

count++;

}

System.out.println("===================================================================");

//Count select tags

java.util.List<WebElement>dropdown=driver.findElements(By.name("class"));

System.out.println("There Are "+dropdown.size()+" Select Tags Are Available");

for(i=0;i<dropdown.size();i++)

{

System.out.println("Dropdown list "+(i+1)+" Name is "+dropdown.get(i).getAttribute("name"));

java.util.List<WebElement>option1=driver.findElements(By.name("option"));

System.out.println("There Are "+option1.size()+" Option Tags Are Available Inside The Select Tags");

int j;

for(j=0; j<option1.size();j++){

System.out.println("Option "+(j+1)+" is "+option1.get(j).getText());

}

count++;

} System.out.println("=================================================================="); java.util.List<WebElement>dropdown1=driver.findElements(By.name("city"));

System.out.println("There are "+dropdown1.size()+" Select Tags are Available");

for(i=0;i<dropdown1.size();i++)

{

System.out.println("Dropdown list "+(i+1)+" Name is "+dropdown1.get(i).getAttribute("name"));

java.util.List<WebElement>option1=driver.findElements(By.name("OP"));

System.out.println("There Are "+option1.size()+" Option Tags Are Available Inside The Select Tags");

int j;

for(j=0; j<option1.size();j++){

System.out.println("Option "+(j+1)+" is "+option1.get(j).getText());

}

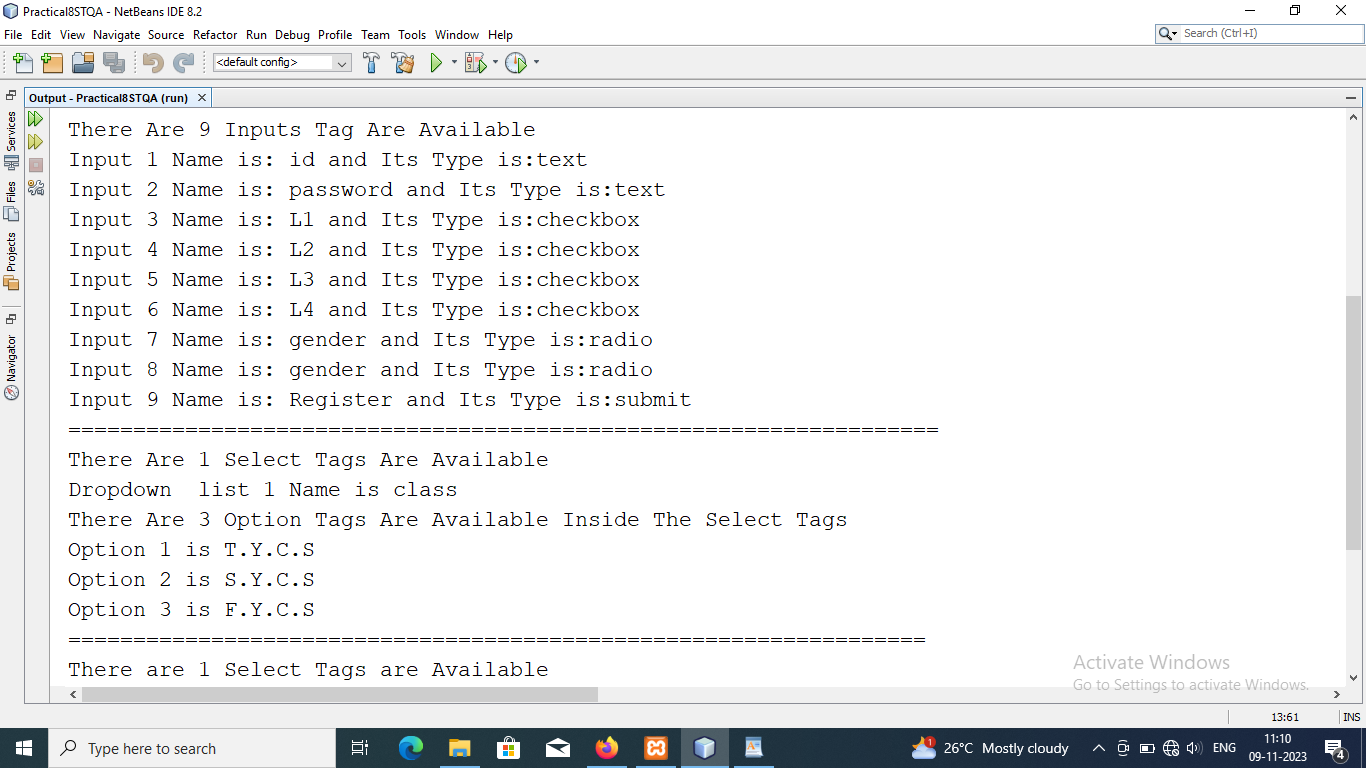
count++;

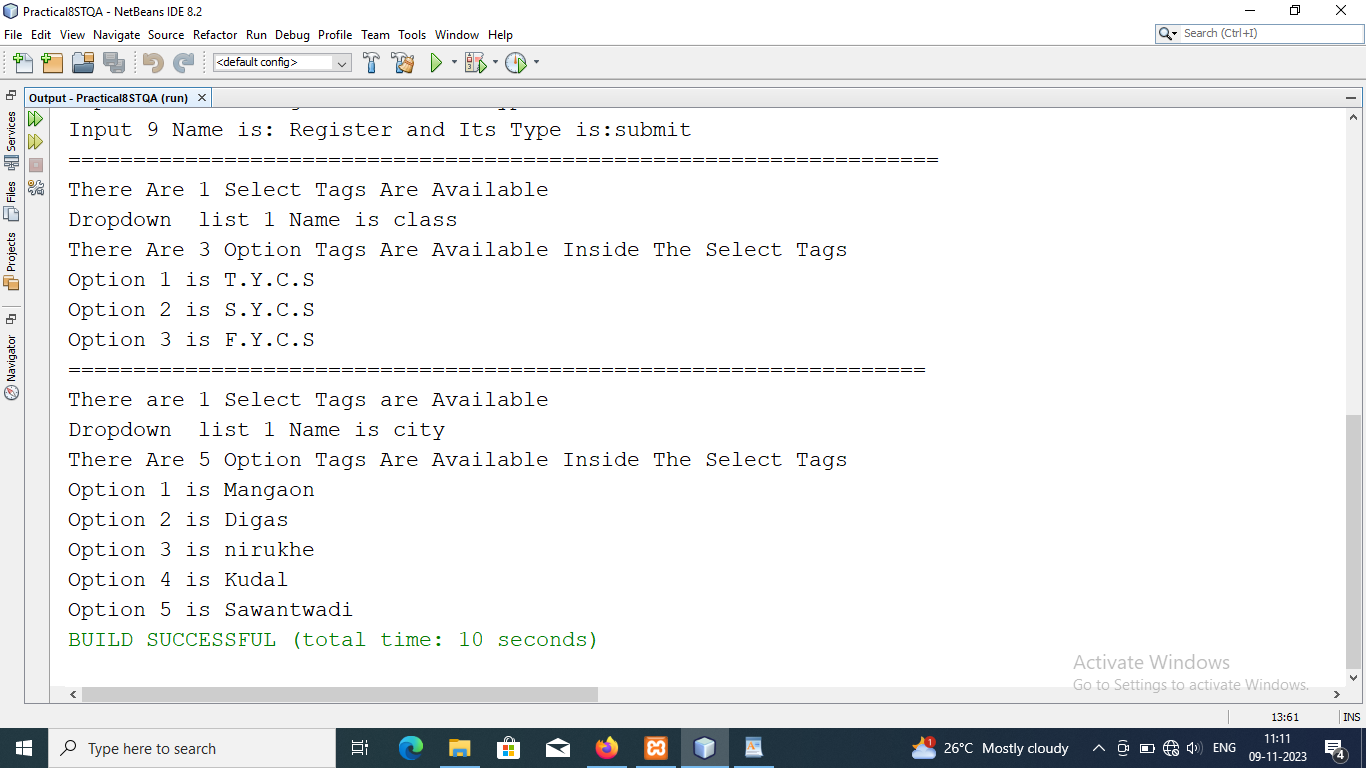
}

}

}

* **Output :**





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