**PRACTICAL NO :9**

Write a program using Selenium WebDriver to count the number of checkboxes on a web page, including checked and unchecked counts. Perform checkbox identification and counting

* **Input :**
* **Code For CheckBox.html File :**

<html>

<body>

<b>Select Your Hobbies</b><br>

<input type="checkbox" value="dance">Dancing<br>

<input type="checkbox" value="read" CHECKED>Reading<br>

<input type="checkbox" value="sing">Singing<br>

<input type="checkbox" value="shop">Shopping<br>

<input type="checkbox" value="traval">Travelling<br>

<input type="checkbox" value="cook">Cooking<br>

<input type="checkbox" value="play">Playing<br>

<br><br>

<b>Select Your Payment Mode</b><br>

<input type="Radio" value="gpay">Google Pay <br>

<input type="Radio" value="cod">Cash On Delivery <br>

<input type="Radio" value="cd">Credit Cards<br>

<input type="Radio" value="db">Debit Cards<br>

<input type="Radio" value="dw">Digital Wallets<br>

</body>

</html>

* **Code in NetBeans:**

package checkbox1;

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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public class CheckBox1 {

public static void main(String[] args) {

System.setProperty("webdriver.gecko.driver","D:\\@TYCS\\Software Testing & Quality\\Practical 9\\CheckBox1\\src\\Driver\\geckodriver.exe");

WebDriver driver = new FirefoxDriver();

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

driver.findElement(By.xpath("//input[@value='shop']")).click();

driver.findElement(By.xpath("//input[@value='play']")).click();

java.util.List<WebElement>hobbylist=driver.findElements(By.xpath("//input[@type='checkbox']"));

int total=hobbylist.size();

System.out.println("Total hobby list is : "+total);

int checkcount=0;

int uncheckcount=0;

for(int i=0;i<hobbylist.size();i++)

{

if(hobbylist.get(i).isSelected()==true)

{

checkcount++;

}

else{

uncheckcount++;

}

}

System.out.println("Total Count of the Checked CheckBoxes : "+checkcount);

System.out.println("Total Count of the Uncheked CheckBoxes : "+uncheckcount);

//for radio buttons here

driver.findElement(By.xpath("//input[@value='cod']")).click();

java.util.List<WebElement>paymentmode=driver.findElements(By.xpath("//input[@type='Radio']"));

int totalp=paymentmode.size();

System.out.println("Total Paymentmode list is : "+totalp);

}

* **Output :**



