Place the checkbox.html file in same path where your .java file is present…..

Put the java code and file path in Netbeans IDE or any other IDE , run the code. It will return number of items which are checked and also return number of items which are unchecked.

**checkbox.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

</head>

<body>

<input type="checkbox" value="A">A<br>

<input type="checkbox" value="B" CHECKED>B<br>

<input type="checkbox" value="C">C<br>

<input type="checkbox" value="D" CHECKED>D<br>

<input type="checkbox" value="E">E<br>

</body>

</html>

**Practs\_st.java**

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.openqa.selenium.firefox.FirefoxOptions;

public class Practs\_st

{

static String driverPath = "C:\\Users\\rudra\\OneDrive\\Documents\\"

+ "NetBeansProjects\\practs\_st\\src\\main"

+ "\\java\\com\\mycompany\\practs\_st\\geckodriver.exe";

public static void main(String[] args)

{

System.setProperty("webdriver.gecko.driver", driverPath);

FirefoxOptions options = new FirefoxOptions();

WebDriver driver = new FirefoxDriver(options);

String appUrl = "C:\\Users\\rudra\\OneDrive\\Documents\\"

+ "NetBeansProjects\\practs\_st\\src\\main\\"

+ "java\\com\\mycompany\\practs\_st\\checkbox.html";

driver.get(appUrl);

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

int checkedCount = 0;

int uncheckedCount = 0;

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

{

System.out.println(i + " checkbox is selected: " + checkBoxes.get(i).isSelected());

if (checkBoxes.get(i).isSelected())

{

checkedCount++;

}

else

{

uncheckedCount++;

}

}

System.out.println("No. of selected checkboxes: " + checkedCount);

System.out.println("No. of unselected checkboxes: " + uncheckedCount);

driver.quit();

}

}

Output :-

