

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 :-

```

--- exec:3.1.0:exec (default-cli) @ practs_st ---
0 checkbox is selected: false
1 checkbox is selected: true
2 checkbox is selected: false
3 checkbox is selected: true
4 checkbox is selected: false
No. of selected checkboxes: 2
No. of unselected checkboxes: 3
-----
BUILD SUCCESS
-----
Total time: 7.062 s
Finished at: 2024-08-21T20:41:07+05:30
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```