

Automate the steps of the website through selenium with JAVA.

WEBSITE: https://register.rediff.com/register/register.php?FormName=user_details

All the methods and functions used here are:

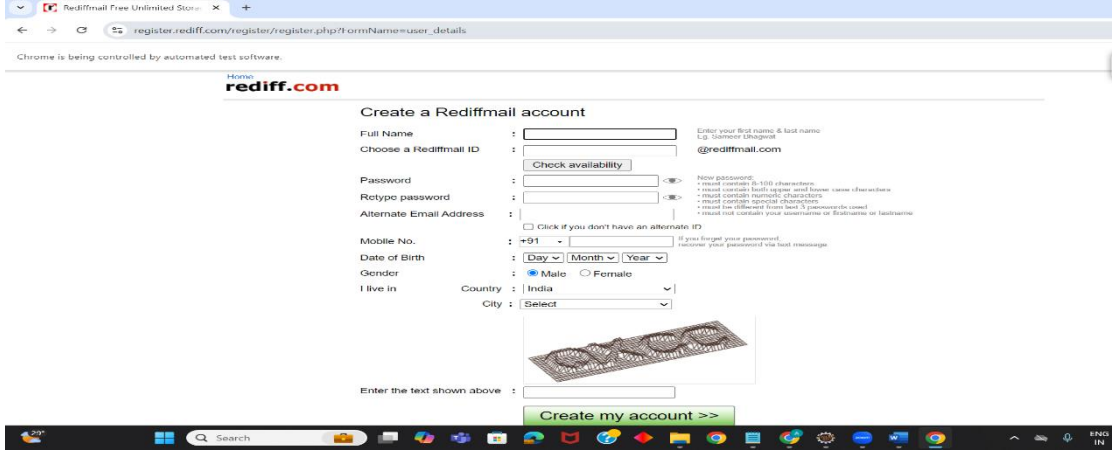
1. **ChromeDriver()** - Initializes a new Chrome browser session for automation.
2. **get(String URL)** - Opens the specified URL in the browser.
3. **manage().window().maximize()** - Maximizes the browser window.
4. **findElement(By locator)** - Locates a web element on the page using the specified locator.
5. **getText()** - Retrieves the visible text of a specified element.
6. **sendKeys(String input)** - Sends input text to a specified input field.
7. **getAttribute(String name)** - Retrieves the value of a specified attribute of an element.
8. **click()** - Simulates a mouse click on a specified element.
9. **Thread.sleep(long milliseconds)** - Pauses the execution of the program for the specified duration (in milliseconds).
10. **close()** - Closes the current browser window or tab opened by the WebDriver.

1. Launch the website.

CODE:

```
1 package Ajay.Axis_Bank;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5 public class Pro {
6     public static void main(String[] args) throws InterruptedException {
7         WebDriver d=new ChromeDriver();
8         //Navigating to Rediff mail register account
9         d.get("https://register.rediff.com/register/register.php?FormName=user_details");
10        d.manage().window().maximize();
11        System.out.println("Rediff mail registration tab opened in Chrome");
12    }
13 }
```

OUTPUT:

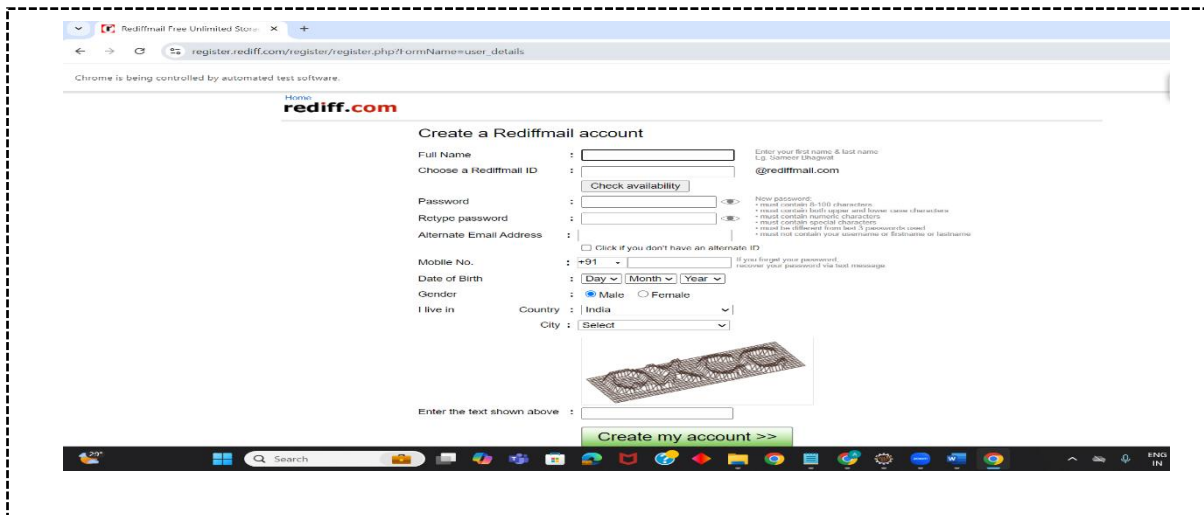


2. Maximize the webpage.

CODE:

```
1 package Ajay.Axis_Bank;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5 public class Pro {
6     public static void main(String[] args) throws InterruptedException {
7         WebDriver d=new ChromeDriver();
8         //Navigating to Rediff mail register account
9         d.get("https://register.rediff.com/register/register.php?FormName=user_details");
10        d.manage().window().maximize();
11        System.out.println("Rediff mail registration tab open in Chrome");
12    }
13 }
```

OUTPUT:



3. Get the title of the page and print it.

CODE:

```
eclipse-workspace - Axis_Bank/src/test/java/Ajay/Axis_Bank/Pro.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
GameWindow.java MainClass.java NewApplet.java Program.java Java.java LoggingDemo... Hidden.java SnakeGame.java GameFrame.java
1 package Ajay.Axis_Bank;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5 public class Pro {
6     public static void main(String[] args) throws InterruptedException {
7         WebDriver d=new ChromeDriver();
8         //Navigating to Rediff mail register account
9         d.get("https://register.rediff.com/register/register.php?FormName=user_details");
10        d.manage().window().maximize();
11        System.out.println("Rediff mail registration tab opend in Chrome");
12        //Printing Title Of Page
13        String title=d.findElement(By.xpath("//*[@id=\"tblcrtac\"]/tbody/tr[1]/td")).getText();
14        System.out.println("The Title of the Page is "+title);
15    }
16 }
```

OUTPUT:

```
<terminated> Pro [Java Application] C:\Users\ajay.p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre
Nov 06, 2024 12:37:22 PM org.openqa.selenium.devtools.Cdp
WARNING: Unable to find an exact match for CDP version 13
Rediff mail registration tab opend in Chrome
The Title of the Page is Create a Rediffmail account
```

4. Enter full name.

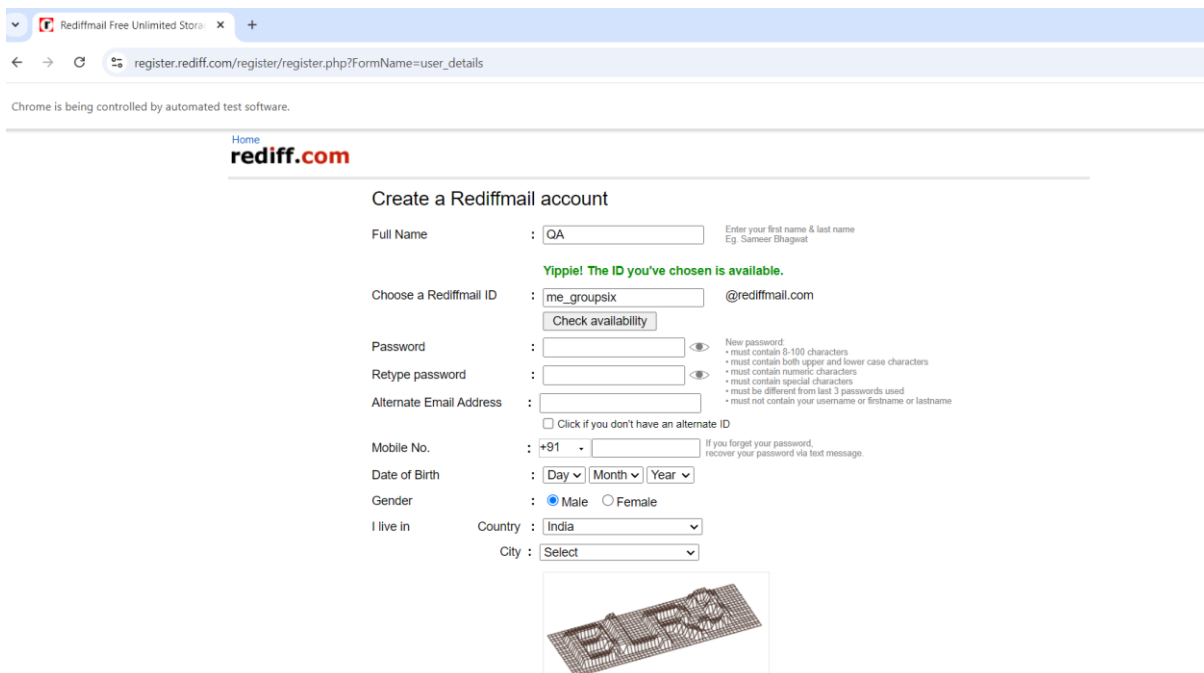
5. Get the print of fullname.

CODE:

```
1 package Ajay.Axis_Bank;
2 import org.openqa.selenium.By;
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5 public class Pro {
6     public static void main(String[] args) throws InterruptedException {
7         WebDriver d=new ChromeDriver();
8         //Navigating to Rediff mail register account
9         d.get("https://register.rediff.com/register/register.php?FormName=user_details");
10        d.manage().window().maximize();
11        System.out.println("Rediff mail registration tab open in Chrome");
12        //Printing Title of Page
13        String title=d.findElement(By.xpath("//*[@id=\"tblortac\"]/tbody/tr[1]/td")).getText();
14        System.out.println("The Title of the Page is "+title);
15        //Giving Full Name And printing value
16        d.findElement(By.xpath("//*[@id=\"tblcrtac\"]/tbody/tr[3]/td[3]/input")).sendKeys("QA");
17        String Full_name=d.findElement(By.xpath("//*[@id=\"tblcrtac\"]/tbody/tr[3]/td[3]/input")).getAttribute("value");
18        System.out.println("Full Name entered is "+Full_name);
19        //Giving Email and checking for availability
20        d.findElement(By.xpath("//*[@id=\"tblcrtac\"]/tbody/tr[7]/td[3]/input[1]")).sendKeys("me_groupsix");
21        d.findElement(By.xpath("//*[@id=\"tblcrtac\"]/tbody/tr[7]/td[3]/input[2]")).click();
22        System.out.println("Given mail ID And Checked for Availability");
23    }
24 }
```

OUTPUT:

Nov 06, 2024 12:51:29 PM org.openqa.selenium.devtools.CdpVersionFinder: WARNING: Unable to find an exact match for CDP version 130, returning 130
Rediff mail registration tab open in Chrome
The Title of the Page is Create a Rediffmail account
Full Name entered is QA
Given mail ID And Checked for Availability



OUTPUT ON BROWSER

6. Choose redifemailid.

7. Enter the password.

8. Retype the password.

9. Enter the alternate email address.

10. Enter mobile number.

11. Get the print of the phone number.

CODE:

```
package Ajay.Axis_Bank;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
public class Pro {
    public static void main(String[] args) throws InterruptedException {
        WebDriver d=new ChromeDriver();
        //Navigating to Rediff mail register account
        d.get("https://register.rediff.com/register/register.php?FormName=user_details");
        d.manage().window().maximize();
        System.out.println("Rediff mail registration tab opened in Chrome");
        //Printing Title Of Page
        String title=d.findElement(By.xpath("//*[id=\"tblcrtac\"]/tbody/tr[1]/td")).getText();
        System.out.println("The Title of the Page is "+title);
        //Giving Full Name And printing value
        d.findElement(By.xpath("//*[id=\"tblcrtac\"]/tbody/tr[3]/td[3]/input")).sendKeys("QA");
        String Full_name=d.findElement(By.xpath("//*[id=\"tblcrtac\"]/tbody/tr[3]/td[3]/input")).getAttribute("value");
        System.out.println("Full Name entered is "+Full_name);
        //Giving Email and checking for availability
        d.findElement(By.xpath("//*[id=\"tblcrtac\"]/tbody/tr[7]/td[3]/input[1]")).sendKeys("me_groupsix");
        d.findElement(By.xpath("//*[id=\"tblcrtac\"]/tbody/tr[7]/td[3]/input[2]")).click();
        System.out.println("Given mail ID And Checked for Availability");
        //Entering Password And Confirming it
        d.findElement(By.xpath("//*[id=\"newpasswd\"]")).sendKeys("Qawarriors@12345");
        System.out.println("Password Given");
        d.findElement(By.xpath("//*[id=\"newpasswd1\"]")).sendKeys("Qawarriors@12345");
        System.out.println("Re entered Password");
        //Entering Alternate Email
        d.findElement(By.xpath("//*[id=\"div_altemail\"]/table/tbody/tr[1]/td[3]/input")).sendKeys("QaWarriorstest@gmail.com");
        System.out.println("Alternate Email Given");
        //Entering Phone Number And Printing value
        d.findElement(By.xpath("//*[id=\"mobno\"]")).sendKeys("7894561230");
        System.out.println("Phone Number Given");
        String phonenumber=d.findElement(By.xpath("//*[id=\"mobno\"]")).getAttribute("value");
        System.out.println("The Entered phone Number is "+phonenumber);
        //Closing the Tab
        Thread.sleep(100000);
        d.close();
    }
}
```

After Automation, the output on the browser.

sted test software.

[Home](#)
rediff.com

Create a Rediffmail account

Full Name : QA Enter your first name & last name
Eg. Sameer Bhagwat

Choose a Rediffmail ID : me_groupsix @rediffmail.com

Yippie! The ID you've chosen is available.

Password : New password:
• must contain 8-100 characters
• must contain both upper and lower case characters
• must contain numeric characters
• must contain special characters
• must be different from last 3 passwords used
• must not contain your username or first name or last name

Retype password :

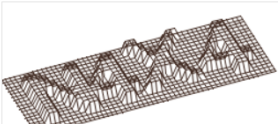
Alternate Email Address : QaWarriorstest@gmail.com
☐ Click if you don't have an alternate ID

Mobile No. : +91 7894561230 If you forget your password,
recover your password via text message.

Date of Birth : Day Month Year

Gender : ☒ Male ☐ Female

I live in Country : India City : Select



CONSOLE OUTPUT:

```
Nov 06, 2024 12:58:37 PM org.openqa.selenium.devtools.Cd
WARNING: Unable to find an exact match for CDP version 1
Rediff mail registration tab opend in Chrome
The Title of the Page is Create a Rediffmail account
Full Name entered is QA
Given mail ID And Checked for Availability
Password Given
Re entered Password
Alternate Email Given
Phone Number Given
The Entered phone Number is 7894561230
```