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Aim → To write a Selenium Program to automation and open a chrome Browser with google.com

### Selenium Automation:

The Program should utilize the Selenium framework to automate Browser instructions. Selenium Provides a set of libraries and tools for Browser automation.

### Open Chrome Browser:

The Program should initiate and Open a Chrome Browser instance. It should utilize the webdrivers Component of Selenium to establish a Connection with the Browser.

### Verification:

The Program should ensure that the Browser successfully opens and navigates.

### Program:

```
import org.openqa.selenium.By;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.WebElement;  
import org.openqa.selenium.chrome.ChromeDriver;
```

```
public class Chrome {
```

```
    public static void main(String[] args) {  
        System.out.println("hai");
```

```
        System.setProperty("webdriver.chrome.driver") <  
            "C:\chromedriver\chromedriver.exe";
```

chromedriver  
-win32

```
        WebDriver driver = new ChromeDriver();  
        driver.manage().window().maximize();  
        driver.get("https://www.google.com");
```

## Program for automation

```

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

public class Selenium_Example {
    public static void main (String [] args) {
        // Set the path to the geckodriver executable
        System.setProperty ("webdriver.gecko.driver",
                           "C:\\geckodriver.exe");
        // Create a new instance of the Firefox driver
        WebDriver driver = new FirefoxDriver ();
        // Navigate to Google
        driver.get ("https://www.google.com");
        // Close the Browser
        driver.quit ();
    }
}

```

3. Automation steps - step forward  
 1. Open browser - open browser  
 2. Click on search bar - click on search bar  
 3. Enter search query - enter search query  
 4. Click on search button - click on search button  
 5. Click on result - click on result

Execution of the code will give you  
 selenium (1) instance (2) search bar  
 (3) search button (4) result

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```
Import org.openqa.selenium.By;
Import org.openqa.selenium.WebDriver;
Import org.openqa.selenium.WebElement;
Import org.openqa.selenium.chrome.ChromeDriver;

public class LoginPage {
    public static void main(String[] args) {
        System.out.println("hai");

        System.setProperty("webdriver.chrome.driver", "C://
            selenium//chromedriver
            -win32");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();

        driver.get("https://accounts.google.com");

        System.out.println("password");
        System.out.println("login");

        Username.sendKeys("-xxxxxx");
        Password.sendKeys("xxxxxx");

        login.click();
    }
}
```

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```
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.ChromeDriver;
```

```
public class Selenium_Example {
```

```
    public static void main(String[] args) {
```

```
        // Set the path to the chromedriver  
        // executable
```

```
        System.setProperty("webdriver.chrome.driver",  
                           "Path/to/chromedriver");
```

```
        // Create a new instance of the Chrome driver  
        WebDriver driver = new ChromeDriver();
```

```
        // Navigate to Github
```

```
        driver.get("https://github.com")
```

```
        // Close the browser
```

```
        driver.quit()
```

```
}
```

```
J
```

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Write a Selenium  
Program to automate  
Login in Swiggy portal  
with the help of  
Chrome Browser

Package Proj;

```
import org.openqa.selenium.By;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.WebElement;  
import org.openqa.selenium.chrome.ChromeDriver;  
  
public class loginpage {  
    public static void main (String s[]) {
```

```
        WebDriver driver = new ChromeDriver();  
        System.setProperty ("webdriver.chrome.driver", "C://  
                                chromedriver.exe");  
        driver.get ("https://www.swiggy.com/?utm_source  
                    = Google+  
SOK of utm_medium = CPC of utm_Campaign = Perf  
                    - food_nu-google_search  
                    - SOK_norm  
V2 - March 23 - board_end guid = CjwtkCAjwjkjBH  
                                BTEiW  
                                A7Fd5f9dLs
```

OKWYVK COPAC xHLKmnb310Fskaya. MDxHMFBNswaws  
1094uHOcNFSQ  
driver.manage().window().maximize();  
textbox.click();  
y.  
y.