

```
package gmailtest;

import java.time.Duration;

import java.util.List;


import org.checkerframework.checker.units.qual.s;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;


import io.github.bonigarcia.wdm.WebDriverManager;


public class loginGmail {

    public static void main(String[] args) throws InterruptedException {

        WebDriver driver = new ChromeDriver();

        try {

            driver.manage().window().maximize();

            driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(30));
```

```
driver.get("https://accounts.google.com/InteractiveLogin/signinchooser?continue=https%3A%2F%2Fmail.google.com%2Fmail%2Fu%2F0%2F&emr=1&followup=https%3A%2F%2Fmail.google.com%2Fmail%2Fu%2F0%2F&osid=1&passive=1209600&service=mail&ifkv=AS5LTAQb-wX05jLF6tbgMVuxKityviOpAT0jTDPH0ndA5lm3tnRaDttYdKhO6tL6LtPuCliFdSp7qg&ddm=0&flowName=GlifWebSignIn&flowEntry=ServiceLogin");
```

```
driver.findElement(By.id("identifierId")).sendKeys("imanzoor2000@gmail.com");
```

```
driver.findElement(By.xpath("//span[text()='Next']")).click();
```

```
driver.findElement(By.name("Passwd")).sendKeys("Insha@123");
```

```
// driver.findElement(By.xpath("//span[text()='Next']")).click();
```

```
WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(30));
```

```
WebElement nextButton =  
wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//span[text()='Next']")));
```

```
nextButton.click();
```

```
driver.findElement(By.xpath("//div[@style='user-select: none']")).click();
```

```
driver.findElement(By.xpath("//input[@aria-label='To  
recipients']")).sendKeys("imanzoor2000@gmail.com");
```

```
driver.findElement(By.name("subjectbox")).sendKeys("Test Mail");
```

```
driver.findElement(By.xpath("//div[@aria-label='Message Body']")).sendKeys("Test Email  
Body");
```

```
driver.findElement(By.xpath("//div[@class='J-J5-Ji J-JN-M-I-JG']][5]")).click();
```

```
driver.findElement(By.xpath("//div[text()='Label']")).click();
```

```
wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//div[text()='Social']"))).click();
```

```
// Send the email
```

```
driver.findElement(By.xpath("//div[text()='Send']")).click();
```

```
// Wait for the email to arrive
```

```

    wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//a[contains(@title,
'Inbox')]"))).click();

    WebElement email =
wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath("//span[text()='Test Mail']")));

    // Mark the email as starred

    email.findElement(By.xpath("../..//div[@aria-label='Not starred']")).click();


    // Open the received email

    email.click();


    // Verify the email details

    WebElement subject =
wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath("//h2[contains(@data-legacy-
thread-id, '')]")));

    WebElement body = driver.findElement(By.xpath("//div[@dir='ltr']"));

    WebElement label = driver.findElement(By.xpath("//span[text()='Social']"));

    if ("Test Mail".equals(subject.getText()) && "Test Email Body".equals(body.getText()) &&
label.isDisplayed()) {

        System.out.println("Email verification successful!");

    } else {

        System.out.println("Email verification failed!");

    }

} catch (Exception e) {

    e.printStackTrace();

}

    driver.findElement(By.xpath("//div[text()='Send']")).click();

```

```
        System.out.println("successfully");  
    }  
  
    //  
    }
```