**Source code**

**Logintest.java**

package login;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class LoginTest {

// TODO Auto-generated method stub

public static void main(String[] args) {

System.setProperty("webdriver.chrome.driver",

"D:\\phase 5\\chromedriver\_win32/chromedriver.exe");

WebDriver driver = new ChromeDriver();

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

driver.get("https://www.facebook.com");

System.out.println("Login Automation Started....");

driver.findElement(By.id("email")).sendKeys("ravi10thstudent@gmail.com");

System.out.println("Username is Entered.");

driver.findElement(By.id("pass")).sendKeys("ravi28394");

System.out.println("Password is Entered");

driver.findElement(By.name("login")).click();

System.out.println("Clicked On Login Button");

}

}

**Registertest.java**

package register;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class RegisterTest {

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

// TODO Auto-generated method stub

System.setProperty("webdriver.chrome.driver",

"D:\\phase 5\\chromedriver\_win32/chromedriver.exe");

WebDriver driver = new ChromeDriver();

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

driver.get(

"https://www.facebook.com/reg/?privacy\_mutation\_token=eyJ0eXBlIjowLCJjcmVhdGlvbl90aW1lIjoxNjY0NTIxNTM2LCJjYWxsc2l0ZV9pZCI6MzYzOTY5MDQ0ODc4OTI4fQ%3D%3D");

System.out.println("Facebok Opened in Browser");

Thread.sleep(3000);

driver.findElement(By.name("firstname")).sendKeys("Rishav");

System.out.println("First Name Entered");

driver.findElement(By.name("lastname")).sendKeys("Kumar");

System.out.println("Last Name Entered");

driver.findElement(By.name("reg\_email\_\_")).sendKeys("rishav1729@gmail.com");

System.out.println("Email id Entered");

driver.findElement(By.name("reg\_email\_confirmation\_\_")).sendKeys("rishav1729@gmail.com");

System.out.println("Reentered Email Id");

driver.findElement(By.id("password\_step\_input")).sendKeys("rishav!@#$");

System.out.println("Password Entered");

driver.findElement(By.name("birthday\_day")).sendKeys("22");

System.out.println("Birth Day Selected");

driver.findElement(By.name("birthday\_month")).sendKeys("7");

System.out.println("Birth Month Selected");

driver.findElement(By.name("birthday\_year")).sendKeys("1999");

System.out.println("Birth Year Selected");

driver.findElement(By.xpath("//label[contains(.,'Male')]")).click();

System.out.println("Sex Selected");

Thread.sleep(3000);

driver.findElement(By.name("websubmit")).click();

System.out.println("Clicked On SignUp Button");

}

}