**TASK-17 SELENIUM AUTOMATION**

***Q1.***

1. ***Open the browser of your choice (for example, Chrome Browser, Firefox, Safari).***
2. ***Navigate to the Snapdeal website (***[***https://www.demoblaze.com/***](https://www.demoblaze.com/)***).***
3. ***Move the cursor to the Sign In button and hold it.***
4. ***Click on the Sign In button.***
5. ***Enter a valid Email Id in the Email Id field.***
6. ***Click on the Continue button.***
7. ***Enter the valid password in the Password field.***
8. ***Click on the Login button.***
9. ***Verify that the user is logged in successfully and print the Verification message in the console.***

**Code:**

***package com.demoblaze;***

***import org.openqa.selenium.By;***

***import org.openqa.selenium.interactions.Actions;***

***import org.openqa.selenium.WebDriver;***

***import org.openqa.selenium.WebElement;***

***import org.openqa.selenium.chrome.ChromeDriver;***

***import io.github.bonigarcia.wdm.WebDriverManager;***

***public class LoginVerification {***

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

***//set ChromeDriver path***

***System.setProperty("webdriver.chrome.driver", "F://chromedriver\_win32//chromedriver.exe ");***

***//Create new Chrome instance***

***WebDriver driver=new ChromeDriver();***

***//navigate to website***

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

***//maximize the window size***

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

***//move cursor to signin button and click it***

***WebElement fieldname=driver.findElement(By.id("signin2"));***

***Actions action=new Actions(driver);***

***// Thread.sleep(10000);***

***action.click(fieldname).perform();***

***Thread.sleep(15000);***

***//get the id of Username and sendkey to uesrname textbox***

***WebElement TypeSignupUserName=driver.findElement(By.id("sign-username"));***

***TypeSignupUserName.sendKeys("paraproject2022@gmail.com");***

***//get the id of password and sendkey to password textbox***

***WebElement TypePassWordElement=driver.findElement(By.id("sign-password"));***

***TypePassWordElement.sendKeys("paraproject");***

***Thread.sleep(15000);***

***//click signup button***

***WebElement signupclick=driver.findElement(By.xpath("(//button[@class='btn btn-primary'])[2]"));***

***signupclick.click();***

***Thread.sleep(15000);***

***//close pop-up notification if when users is already exists***

***driver.switchTo().alert().accept();***

***Thread.sleep(15000);***

***//and close the signup page***

***WebElement closeclick=driver.findElement(By.xpath("(//button[@class='btn btn-secondary'])[2]"));***

***closeclick.click();***

***//login to the page***

***//find the login2 id with help of webelement in html page***

***WebElement LoginFunctionality=driver.findElement(By.id("login2"));***

***Thread.sleep(15000);***

***action.click(LoginFunctionality).perform();***

***Thread.sleep(15000);***

***//get the id of Username login and sendkey to username textbox***

***WebElement TypeLoginUsername=driver.findElement(By.xpath("//input[@id='loginusername']"));***

***TypeLoginUsername.sendKeys("paraproject2022@gmail.com");***

***Thread.sleep(15000);***

***//get the id of password login and sendkey to password textbox***

***WebElement TypeLoginPassword=driver.findElement(By.xpath("//input[@id='loginpassword']"));***

***TypeLoginPassword.sendKeys("paraproject");***

***Thread.sleep(15000);***

***//click login***

***WebElement LoginClick=driver.findElement(By.xpath("(//button[@class='btn btn-primary'])[3]"));***

***LoginClick.click();***

***Thread.sleep(15000);***

***//get verification message***

***WebElement gettext=driver.findElement(By.xpath("(//a[@id='nameofuser'])"));***

***System.out.println("logged in successfully-->"+gettext.getText());***

***}***

***}***















