

Week2(MERCURY WEBSITE)[exe]

```
package week2;

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.interactions.Actions;

public class Mercury{

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

        System.setProperty("webdriver.chrome.driver","C:\\\\Users\\\\madhu\\\\OneDrive\\\\Deskt
op\\\\Documents\\\\5dp\\\\chromedriver-win64\\\\chromedriver.exe");

        WebDriver driver=new ChromeDriver();
        driver.manage().window().maximize(); driver.get("https://www.mercurytravels.co.in/");

        Thread.sleep(2000);

        Actions builder = new Actions(driver);

        WebElement customerLogin = driver.findElement(By.xpath("//a[normalize-
space()='Customer Login'][2]"));

        builder.moveToElement(customerLogin).perform();

        Thread.sleep(2000);

        WebElement register = driver.findElement(By.xpath("//a[normalize-
space()='Register'][2]")); register.click();

        Thread.sleep(2000);

        WebElement firstName = driver.findElement(By.id("acc_first_name"));
        firstName.sendKeys("DeekshithChary");

        Thread.sleep(2000);
```

```
    WebElement lastName = driver.findElement(By.id("acc_last_name"));
lastName.sendKeys("P");

    Thread.sleep(2000);

    WebElement emailId = driver.findElement(By.id("acc_user_email"));
emailId.sendKeys("Deekshithchary0607@gmail.com");

    Thread.sleep(2000);

    WebElement setPassword = driver.findElement(By.id("acc_user_password"));
setPassword.sendKeys("12345");

    Thread.sleep(2000);

    WebElement confirmPassword =
driver.findElement(By.id("acc_user_passconf")); confirmPassword.sendKeys("12345");

    Thread.sleep(2000);

    WebElement mobileNumber = driver.findElement(By.id("acc_mobile_no"));
mobileNumber.sendKeys("8124563783");

    Thread.sleep(2000);

    WebElement registerBtn = driver.findElement(By.xpath("//button[normalize-
space()='Register']"));
registerBtn.click();

    Thread.sleep(1000);

// TODO Auto-generated method stub

}

}

}
```

Week3(FACEBOOK LOGIN) [exe]

```
package week2;

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.support.ui.Select;

public class Mercury {

    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver",
            "C:\\\\Users\\\\madhu\\\\OneDrive\\\\Desktop\\\\Documents\\\\5dp\\\\chromedriver-
            win64\\\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();

        driver.get("https://www.facebook.com/");
        Thread.sleep(2000);

        driver.findElement(By.partialLinkText("Create new account")).click();
        Thread.sleep(3000);

        driver.findElement(By.name("firstname")).sendKeys("Greeshma");
        driver.findElement(By.name("lastname")).sendKeys("Reddy");
    }
}
```

```
Select dateDropdown = new Select(driver.findElement(By.name("birthday_day")));
dateDropdown.selectByValue("24");
Thread.sleep(1000);

Select monthDropdown = new Select(driver.findElement(By.name("birthday_month")));
monthDropdown.selectByValue("12");
Thread.sleep(1000);

Select yearDropdown = new Select(driver.findElement(By.name("birthday_year")));
yearDropdown.selectByValue("1996");
Thread.sleep(1000);

WebElement femaleRadio = driver.findElement(By.xpath("//input[@value='1']"));
femaleRadio.click();

driver.findElement(By.name("reg_email__")).sendKeys("9885685888");
driver.findElement(By.name("reg_passwd__")).sendKeys("gree@13");

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

Thread.sleep(5000);
driver.quit();
}
```

```
}
```

Week4(BANK LOGIN) [exe]

```
package week2;
```

```
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.Alert;
```

```
public class Mercury {
```

```
    public static void main(String[] args) throws InterruptedException {  
        System.setProperty("webdriver.chrome.driver",  
            "C:\\\\Users\\\\madhu\\\\OneDrive\\\\Desktop\\\\Documents\\\\5dp\\\\chromedriver-  
            win64\\\\chromedriver.exe");
```

```
        WebDriver driver = new ChromeDriver(); // ✅ WebDriver is now initialized
```

```
        driver.get("https://demo.guru99.com/V1/index.php");
```

```
        WebElement userId = driver.findElement(By.name("uid"));  
        userId.sendKeys("siri");
```

```
        WebElement password = driver.findElement(By.name("password"));  
        password.sendKeys("gPass");
```

```
WebElement loginBtn = driver.findElement(By.name("btnLogin"));

loginBtn.click();

Thread.sleep(2000); // Wait for alert (if any)

try {

    Alert alert = driver.switchTo().alert();

    System.out.println("Alert Text: " + alert.getText());

    alert.accept(); // Accept the alert

} catch (Exception e) {

    System.out.println("No alert was present");

}

Thread.sleep(2000); // Wait to see the result before quitting

driver.quit(); //  Close the browser properly

}
```

Week5(CMRIT RESULT) [exe]

```
package week2;

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.interactions.Actions;

public class Mercury {

    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver",
                "C:\\\\Users\\\\madhu\\\\OneDrive\\\\Desktop\\\\Documents\\\\5dp\\\\chromedriver-
win64\\\\chromedriver.exe");

        WebDriver d=new ChromeDriver();
        d.get("https://cmrithyderabad.edu.in");
        d.manage().window().maximize();
        Thread.sleep(500);
    }
}
```

```
Actions builder=new Actions(d);

    WebElement
ex=d.findElement(By.xpath("//html/body/div[1]/div[1]/section[3]/div/div/div/div/nav[1]/
ul/li[5]/a"));

    ex.click();

    Thread.sleep(500);

    WebElement
rs=d.findElement(By.xpath("//html/body/div[1]/div[1]/section[3]/div/div/div/div/nav[1]/
ul/li[5]/ul/li[4]/a"));

    rs.click();

    Thread.sleep(500);

    d.findElement(By.xpath("//*[@id=\"searchKey\"]")).sendKeys("B.Tech.III
Semester R22 (2023 Batch) Regular Examinations December 2024");

    Thread.sleep(500);

    d.findElement(By.xpath("//*[@id=\"resultList\"]/a[1]/div/div[1]")).click();

    Thread.sleep(500);

d.findElement(By.xpath("//*[@id='resultGetForm']/input")).sendKeys("23r01a05cx");

}

}
```

Week6 (AJIO WEBSITE) [exe]

```
package exp6;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import java.time.Duration;

import java.util.Iterator;

import java.util.Set;

public class AJIOCreateAccount {

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

        System.setProperty("webdriver.chrome.driver",
        "C:\\\\Users\\\\shire\\\\OneDrive\\\\Documents\\\\drivers\\\\chroma\\\\chromedriver-
        win64\\\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));

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

        try {

            // Step 1: Open Ajio website

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

            // Step 2: Click "Sign In / Join AJIO"

            WebElement signInJoin = driver.findElement(By.xpath("//span[contains(text(), 'Sign In
            / Join AJIO')]"));

            signInJoin.click();
```

```

// Step 3: Enter mobile number (Ajio uses phone for login)

WebElement mobileField = driver.findElement(By.name("username"));

mobileField.sendKeys("9949518138"); // Dummy number


WebElement continueButton = driver.findElement(By.className("login-btn"));

continueButton.click();

Thread.sleep(2000);

// OTP screen will appear — can't automate further due to OTP validation

System.out.println("Signup automation completed up to OTP step.");

}

} catch (Exception e) {

System.out.println("Error during automation: " + e.getMessage());

} finally {

// Step 4: Close the browser

driver.quit();


}

}

```

(or) [exe]

```

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import java.time.Duration;

public class AjioSignupTest {

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

// Step 1: Set up ChromeDriver

```

```
System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\YourPath\\\\chromedriver.exe");
WebDriver driver = new ChromeDriver();

// Maximize browser and set timeout
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));

// Step 2: Open Ajio website
driver.get("https://www.ajio.com/");

// Step 3: Click on Sign In / Join
WebElement signInLink = driver.findElement(By.xpath("//span[text()='Sign In / Join AJIO']"));
signInLink.click();

Thread.sleep(2000); // Wait for login modal to appear

// Step 4: Enter mobile number (example test data)
WebElement mobileField = driver.findElement(By.xpath("//input[@name='username']"));
mobileField.sendKeys("9876543210");

WebElement continueButton = driver.findElement(By.xpath("//input[@value='CONTINUE']"));
continueButton.click();

// OPTIONAL: Add OTP logic here if test OTP is available
// Simulate OTP or explain manual step

System.out.println("☒ Signup process triggered with test mobile number.");

// Step 5: Wait and close browser
Thread.sleep(3000);
driver.quit();
}

}
```

WEEK7(CMRIT WEBSITE) [exe]

```
package expeiment7;

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

public class GoogleSearchCMRIT {

    public static void main(String[] args) throws InterruptedException{
        System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\\\shire\\\\OneDrive\\\\Documents\\\\drivers\\\\chroma\\\\chromedriver-
win64\\\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.google.com");
        driver.findElement(By.name("q")).sendKeys("CMRIT", Keys.ENTER);

        Thread.sleep(200);
    }
}
```

WEEK 8(image)

SOURCE CODE:

```
package CMRIT.CMRIT_Assignment;

import java.awt.Robot;

import java.awt.event.KeyEvent;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.interactions.Actions;

public class GoogleImageDownload {

    public static void main(String[] args) throws Exception {
        System.setProperty("webdriver.chrome.driver","C:\\\\Users\\\\LENOVO\\\\Downloads\\\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();

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

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

        Thread.sleep(2000);

        WebElement searchBar = driver.findElement(By.name("q"));

        searchBar.sendKeys("CMRIT");

        searchBar.sendKeys(Keys.ENTER);

        Thread.sleep(2000);

        driver.findElement(By.xpath("//a[normalize-space()='Images']")).click();

        WebElement Image = driver.findElement(By.xpath("//img[@alt='The CMRIT Campus - CMRIT']"));

        Actions action = new Actions(driver); action.contextClick(Image).build().perform();
    }
}
```

```
Robot robot = new Robot(); robot.keyPress(KeyEvent.VK_DOWN); Thread.sleep(500);
robot.keyPress(KeyEvent.VK_DOWN);

Thread.sleep(500);

robot.keyPress(KeyEvent.VK_DOWN);

Thread.sleep(500);

robot.keyPress(KeyEvent.VK_DOWN);

Thread.sleep(500);

robot.keyPress(KeyEvent.VK_DOWN);

Thread.sleep(500);

robot.keyPress(KeyEvent.VK_DOWN);

Thread.sleep(500);

robot.keyPress(KeyEvent.VK_DOWN);

Thread.sleep(500);

robot.keyPress(KeyEvent.VK_DOWN);

Thread.sleep(500);

robot.keyPress(KeyEvent.VK_ENTER);

Thread.sleep(3000);

robot.keyPress(KeyEvent.VK_ENTER);

System.out.println("downloaded"); driver.close();

} }
```


WEEK 9 (LIST) [exe]

```
package exp9;

import java.util.List;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class GetListItemsCount {

    public static void main(String[] args) {

        System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\\\shire\\\\OneDrive\\\\Documents\\\\drivers\\\\chroma\\\\chromedriver-
win64\\\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();

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

        //URL launch

        driver.get("https://www.jstdial.com/Bangalore/Bakeries");

        // identify elements list with same class nam5e

        List<WebElement> m = driver.findElements(By.xpath("//h2[@class='store-
name']"));

        // iterate over list

        for(int i = 0; i< m.size(); i++) {

            //obtain text

            String s = m.get(i).getText();

            System.out.println("Text is: " + s);

        }

        driver.quit();

    }

}
```

WEEK 10 (GMAIL REGISTRATION) [exe]

package project;

```
import java.time.Duration;  
  
import org.openqa.selenium.Alert;  
  
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.support.ui.ExpectedConditions;  
  
import org.openqa.selenium.support.ui.WebDriverWait;
```

```
public class GmailRegistrationValidation {
```

```
    public static void main(String[] args) {  
  
        System.setProperty("webdriver.chrome.driver",  
"C:\\\\Users\\\\madhu\\\\Downloads\\\\chromedriver-win64\\\\chromedriver-  
win64\\\\chromedriver.exe");  
  
        WebDriver driver = new ChromeDriver();  
  
        driver.manage().window().maximize();  
  
        try {  
  
            driver.get("https://accounts.google.com/signup");  
  
            WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));  
  
            WebElement firstName =  
wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("firstName")));  
  
            firstName.sendKeys("John");  
  
            WebElement lastName = driver.findElement(By.id("lastName"));  
  
            lastName.sendKeys("Doe");
```

```
WebElement nextBtn =
driver.findElement(By.xpath("//span[text()='Next']/parent::button"));

nextBtn.click();

System.out.println(" ✅ Name submitted successfully. Navigated to next step.");

// Wait and select Month

WebElement monthDropdown =
wait.until(ExpectedConditions.elementToBeClickable(By.id("month")));

monthDropdown.click();

WebElement marchOption =
wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//*[@id='month']/div/div[2]/ul/li[5]")));

marchOption.click();

Thread.sleep(200);

// Fill Day and Year

WebElement dayField =
wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("day")));

dayField.sendKeys("15");

Thread.sleep(200);

WebElement yearField = driver.findElement(By.id("year"));

yearField.sendKeys("1995");



WebElement genderDropdown =
wait.until(ExpectedConditions.elementToBeClickable(By.id("gender")));

genderDropdown.click();

// Select "Female" (li[1])
```

```
    WebElement genderOption =
wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//*[@id='gender']/div/div[2]/ul/li[1]")));
    genderOption.click();

    // Click on Next button

    WebElement nextButton =
wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//button[@jsname='Lgbse']")));
    nextButton.click();

    WebElement usernameInput =
wait.until(ExpectedConditions.visibilityOfElementLocated(
    By.xpath("//*[@id=\"yDmH0d\"]/c-
wiz/div/div[2]/div/div/div/form/span/section/div/div/div/div[1]/div/div[1]/div/div[1]/in
put"))
));
    usernameInput.sendKeys("sirishacmrit");
    Thread.sleep(20);

    WebElement nextButton1 =
wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//*[@id='next']/div/butto
n/span")));
    nextButton1.click();

    WebElement password =
wait.until(ExpectedConditions.visibilityOfElementLocated(
    By.xpath("//*[@id=\"passwd\"]/div[1]/div/div[1]/input")));
    password.sendKeys("cmrit@123");
```

```

    WebElement confirmPassword =
wait.until(ExpectedConditions.visibilityOfElementLocated(
        By.xpath("//*[@id=\"confirm-passwd\"]//div[1]//div[1]//input"))
));

confirmPassword.sendKeys("cmrit@123");

    WebElement nextButton2=
wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//*[@id='createpassword
Next']//button")));
nextButton2.click();

    WebElement phoneNumber =
wait.until(ExpectedConditions.visibilityOfElementLocated(
        By.xpath("//*[@id=\"phoneNumberId\"]")));
phoneNumber.sendKeys("9949518138");

    WebElement nextButton3=
wait.until(ExpectedConditions.elementToBeClickable(By.xpath("//*[@id=\"yDmH0d\"]//c-
wiz//div[3]//div//div//div//button//span")));
nextButton3.click();

if (driver.getPageSource().contains("Verify your phone number")) {
    System.out.println("  Account form submitted successfully! Proceeding to
phone verification.");
} else {
    System.out.println("  Validation failed or unexpected page.");
}

} catch (Exception e) {

```

```

e.printStackTrace();

} finally {

    Alert alert = driver.switchTo().alert();

    System.out.println("Alert Text: " + alert.getText());

    driver.quit();

    // TODO Auto-generated method stub

}

}

}

```

Week 11(MYNTRA REGISTRATION) [exe]

```

package exp11;

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.interactions.Actions;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
import java.time.Duration;

public class MyntraSignInTest {

    public static void main(String[] args) throws InterruptedException {
        // Step 1: Setup WebDriver

```

```
System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\\\shire\\\\OneDrive\\\\Documents\\\\drivers\\\\chroma\\\\chromedriver-
win64\\\\chromedriver.exe");

WebDriver driver = new ChromeDriver();

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

driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));

WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));

driver.get("https://www.google.co.in");

WebElement searchBar =
wait.until(ExpectedConditions.visibilityOfElementLocated(By.name("q")));

searchBar.sendKeys("Myntra");

searchBar.submit();

Thread.sleep(200);
```

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

```
// Hover over Profile icon to open the dropdown

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

Actions actions = new Actions(driver);

actions.moveToElement(profileIcon).perform();

// Wait briefly to let dropdown appear

Thread.sleep(1000);

// Click on Login/Signup

WebElement loginSignup = driver.findElement(By.xpath("//a[text()='login / Signup']"));

loginSignup.click();

// Wait for the login modal to appear and interact with phone field

WebElement phoneInput = driver.findElement(By.xpath("//input[@type='tel']"));

phoneInput.sendKeys("9876543210");

// Continue button
```

```

        WebElement continueBtn =
driver.findElement(By.xpath("//div[contains(text(),'CONTINUE')]"));
        continueBtn.click();

System.out.println("☑ Login modal opened and phone number submitted.");

// Cleanup
Thread.sleep(300);

driver.quit();
}

}

```

Week 12(PDF CONVERTER) [not exe]

```

package CMRIT.CMRIT_Assignment;

import java.awt.AWTException;
import java.awt.Robot;
import java.awt.Toolkit;
import java.awt.datatransfer.Clipboard;
import java.awt.datatransfer.StringSelection;
import java.awt.event.KeyEvent;
import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class pdfToword { public static void main(String[] args) throws Exception {
System.setProperty("webdriver.chrome.driver","C:\\\\Users\\\\LENOVO\\\\Downloads\\\\chromedriver.exe");

```

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

Thread.sleep(2000);

WebElement searchBar = driver.findElement(By.name("q"));
searchBar.sendKeys("Convert pdf to word online");
searchBar.sendKeys(Keys.ENTER);

WebElement pdfToWordHyperLink = driver.findElement( By.xpath("//h3[normalize-space()='PDF to Word Converter - 100% Free - Smallpdf.com'][1]"));
pdfToWordHyperLink.click();

Thread.sleep(2000);

WebElement popupClose = driver.findElement(By.xpath("//span[normalize space()='Got it'][1]"));
popupClose.click();

WebElement chooseFileBtn = driver.findElement(By.xpath("//span[normalize space()='Choose Files'][1]"));
//chooseFileBtn.sendKeys("C:\\\\Users\\\\user\\\\Desktop\\\\maneesh
docs\\\\ManeeshResume.pdf");

chooseFileBtn.click();

Clipboard clipboard = Toolkit.getDefaultToolkit().getSystemClipboard();

StringSelection str = new StringSelection("C:\\\\Users\\\\LENOVO\\\\Documents\\\\sample.pdf");
clipboard.setContents(str, null);

Robot robot = new Robot(); robot.keyPress(KeyEvent.VK_ENTER);
robot.keyRelease(KeyEvent.VK_ENTER);

robot.keyPress(KeyEvent.VK_CONTROL);
robot.keyPress(KeyEvent.VK_V);
robot.keyRelease(KeyEvent.VK_V);

robot.keyRelease(KeyEvent.VK_CONTROL);
robot.keyPress(KeyEvent.VK_ENTER);
robot.keyRelease(KeyEvent.VK_ENTER);

Thread.sleep(5000);

WebElement convertToWord = driver.findElement(By.xpath("//div)[197]"));
convertToWord.click();
```

```
WebElement choosePlan = driver.findElement(By.xpath("//button[@type='submit'])[2]"));
choosePlan.click();

Thread.sleep(7000);

WebElement download = driver.findElement(By.xpath("//div)[212]")); download.click();

} }
```

