**Week 1:**

Download and Install JAVA, Associate SWD Jars and Browser drivers.

**Week 2:**

Launch Mercury Tour website

a) Click Register link to get registration page b) Fill fields

c) Click submit d) Close site

**Week 3:**

Write a code to search a specific month in the Face book registration page (Birthday).

**Week 4:**

Write a program which pops out an alert message in frame in personal banking login page.

**Week 5:**

Write a test case to search result section on CMRIT Website.

**Week 6:**

Write a test case to perform automation on Ajio shopping website.

**Week 7:**

Write a program in web driver to open Google and search CMRIT.

**Week 8:**

Write test case to open Google and download a image from Google images of cmrit website.

**Week 9:**

Write test case to get number of list items in a list.

**Week 10:**

Write test case for validation in Gmail registration page.

**Week11:**

Write test case for myntra sign in page.

**Week12:**

Write test case to convert PDF from word.

**Week 2(Mercury Home Tour)**

package vasavi;

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 week2 {

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

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\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("Vasavi");

Thread.*sleep*(2000);

WebElement lastName = driver.findElement(By.*id*("acc\_last\_name"));

lastName.sendKeys("suniganti");

Thread.*sleep*(2000);

WebElement emailId = driver.findElement(By.*id*("acc\_user\_email"));

emailId.sendKeys("vasavi23@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);

}

}

**Week 03(Facebook Validation)**

package vasavi;

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 week3 {

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

System.setProperty("webdriver.chrome.driver", "C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\chromedriver-win64\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

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

Thread.sleep(200);

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

Thread.sleep(500);

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

Thread.sleep(500);

WebElement surName = driver.findElement(By.name("lastname"));

surName.sendKeys("Suniganti");

Thread.sleep(500);

WebElement mobileNoOrEmailId= driver.findElement(By.name("reg\_email\_\_"));

mobileNoOrEmailId.sendKeys("1234567890");

Thread.sleep(500);

WebElement password = driver.findElement(By.name("reg\_passwd\_\_"));

password.sendKeys("vas2323");

Select dateDropdown = new Select(driver.findElement(By.name("birthday\_day")));

dateDropdown.selectByValue("23");

Thread.sleep(500);

Select monthDropdown = new Select(driver.findElement(By.name("birthday\_month")));

monthDropdown.selectByValue("12");

Thread.sleep(500);

Select yearDropdown = new Select(driver.findElement(By.name("birthday\_year")));

yearDropdown.selectByValue("2005");

Thread.sleep(500);

WebElement femaleRadioBtn = driver.findElement(By.xpath("(//label[normalize-space()='Female'])[1]"));

femaleRadioBtn.click();

Thread.sleep(500);

WebElement signUpBtn = driver.findElement(By.name("websubmit"));

signUpBtn.click();

}

}

**Week 04(Popup Bank Notification)**

package vasavi;

import java.util.HashMap;

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;

public class week4 {

public static void main(String[] args) {

HashMap<String, Object> prefs=new HashMap<String, Object>();

prefs.put("profile.default\_content\_setting\_values.notifications",0);

ChromeOptions options=new ChromeOptions();

options.setExperimentalOption("prefs", prefs);

System.setProperty("webdriver.chrome.driver","C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\chromedriver-win64\\chromedriver.exe");

WebDriver driver=new ChromeDriver(options);

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

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

WebElement pop=driver.findElement(By.xpath("/html/body/div[1]/div[1]/div/span"));

pop.click();

}

}

**Week 05(Cmrit Bees Results)**

package vasavi;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class week5 {

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

System.setProperty("webdriver.chrome.driver","C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\chromedriver-win64\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

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

driver.get("https://cmritautonomous.org/beeserp/Login.aspx");

WebElement userName=driver.findElement(By.name("txtUserName"));

userName.sendKeys("20R01A05K6P");

Thread.sleep(2000);

WebElement nxtBtn=driver.findElement(By.name("btnNext"));

nxtBtn.click();

WebElement password=driver.findElement(By.name("txtPassword"));

password.sendKeys("20R01A05K6P");

Thread.sleep(2000);

WebElement submit=driver.findElement(By.name("btnSubmit"));

submit.click();

}

}

**Week-6 (Perform automation on Ajio shopping website)**

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 week6 {

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

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\chromedriver-win64\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

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

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

Thread.*sleep*(5000);

WebElement loginButton = driver.findElement(By.*id*("loginAjio"));

loginButton.click();

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

mobileNumber.sendKeys("8142237674");

WebElement continueButton = driver.findElement(By.*xpath*("//\*[@id=\"login-modal\"]/div/div/div[2]/div/form/div/div[2]/input"));

continueButton.click();

Thread.*sleep*(5000);

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

name.sendKeys("Vasavi");

WebElement email = driver.findElement(By.*xpath*("/html/body/div[1]/div/div/div/div/header/div[1]/ul/li[1]/div/div/div[2]/form/div[1]/input"));

email.sendKeys("vasavisuniganti46@gmail.com");

Thread.*sleep*(5000);

WebElement gender = driver.findElement(By.*xpath*("/html/body/div[1]/div/div/div/div/header/div[1]/ul/li[1]/div/div/div[2]/form/div[3]/label[1]/span"));

gender.click();

Thread.*sleep*(5000);

WebElement checkBox = driver.findElement(By.*xpath*("/html/body/div[1]/div/div/div/div/header/div[1]/ul/li[1]/div/div/div[2]/form/div[3]/label/span"));

checkBox.click();

Thread.*sleep*(5000);

WebElement sendOtpButton = driver.findElement(By.*xpath*("/html/body/div[1]/div/div/div/div/header/div[1]/ul/li[1]/div/div/div[2]/form/div[5]/input"));

sendOtpButton.click();

Thread.*sleep*(10000);

WebElement otp = driver.findElement(By.*xpath*("/html/body/div[1]/div/div/div/div/header/div[1]/ul/li[1]/div/div/div[2]/form/div[2]/input"));

otp.sendKeys("555656");

WebElement signUpButton = driver.findElement(By.*xpath*("/html/body/div[1]/div/div/div/div/header/div[1]/ul/li[1]/div/div/div[2]/form/div[5]/input"));

signUpButton.click();

}

}

**Week 07(Web Driver google Search Cmrit)**

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 Week7 {

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

System.setProperty("webdriver.chrome.driver", "F:\\Lab\\chromedriver\\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 hyderabad");

searchBar.sendKeys(Keys.ENTER);

Thread.sleep(15000);

driver.quit();

}

}

**Week-08(Cmrit Image Download)**

package vasavi;

import java.awt.AWTException;

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 week8 {

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

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\chromedriver-win64\\chromedriver.exe");

WebDriver driver=new ChromeDriver();

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

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

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

Search.sendKeys("CMRIT");

Search.sendKeys(*Keys*.***ENTER***);

Thread.*sleep*(20000);

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

img.click();

WebElement image=driver.findElement(By.*xpath*("//img[@alt='CMR Institute of Technology | Best ...']"));

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\_ENTER***);

Thread.*sleep*(500);

robot.keyPress(KeyEvent.***VK\_ENTER***);

System.***out***.println("DOWNLOADED");

driver.quit();

}

}

**Week 09(List items)**

package vasavi;

import java.time.Duration;

import java.util.List;

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.JavascriptExecutor;

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

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

public class week9 {

public static void main(String[] args) {

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\chromedriver-win64\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

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

driver.get("https://www.justdial.com/Hyderabad/Bakeries/nct-10033880");

WebDriverWait wait = new WebDriverWait(driver, Duration.*ofSeconds*(15));

wait.until(ExpectedConditions.*visibilityOfElementLocated*(By.*xpath*("//h2[contains(@class,'resultbox\_title')]")));

// Scroll to bottom to load more listings

JavascriptExecutor js = (JavascriptExecutor) driver;

for (int i = 0; i < 5; i++) {

js.executeScript("window.scrollBy(0,1000)");

try {

Thread.*sleep*(2000); // Wait for loading

} catch (InterruptedException e) {

e.printStackTrace();

}

}

List<WebElement> m = driver.findElements(By.*xpath*("//h2[contains(@class,'resultbox\_title')]"));

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

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

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

}

driver.quit();

}

}

**Week 10 (Gmail Validation)**

package vasavi;

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 week10 {

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

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\chromedriver-win64\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

driver.get("http://gmail.com/");

Thread.*sleep*(2000);

WebElement createAccount = driver.findElement(By.*xpath*("(//span[normalize-space()='Create account'])[1]"));

createAccount.click();

Thread.*sleep*(2000);

WebElement mySelft = driver.findElement(By.*xpath*("(//span[normalize-space()='For my personal use'])[1]"));

mySelft.click();

Thread.*sleep*(2000);

WebElement firstName = driver.findElement(By.*name*("firstName"));

firstName.sendKeys("Vasavi");

Thread.*sleep*(2000);

WebElement lastName = driver.findElement(By.*name*("lastName"));

lastName.sendKeys("Suniganti");

Thread.*sleep*(2000);

WebElement bn1 = driver.findElement(By.*xpath*("(//span[normalize-space()='Next'])"));

bn1.click();

Thread.*sleep*(3000);

Select month = new Select(driver.findElement(By.*xpath*("(//select[@id='month'])[1]")));

month.selectByValue("9");

Thread.*sleep*(2000);

WebElement day = driver.findElement(By.*xpath*("(//input[@id='day'])[1]"));

day.sendKeys("23");

Thread.*sleep*(2000);

WebElement year = driver.findElement(By.*xpath*("(//input[@id='year'])[1]"));

year.sendKeys("2005");

Select gender = new

Select(driver.findElement(By.*xpath*("(//select[@id='gender'])[1]")));

gender.selectByValue("1");

Thread.*sleep*(2000);

WebElement bn2 = driver.findElement(By.*xpath*("(//span[normalize-space()='Next'])"));

bn2.click();

Thread.*sleep*(2000);

WebElement uid = driver.findElement(By.*name*("Username"));

uid.sendKeys("vasavi23");

WebElement bn3 = driver.findElement(By.*xpath*("(//span[normalize-space()='Next'])"));

bn3.click();

Thread.*sleep*(2000);

WebElement pswd = driver.findElement(By.*name*("Passwd"));

pswd.sendKeys("vas@23");

WebElement cpswd = driver.findElement(By.*name*("PasswdAgain"));

cpswd.sendKeys("vas@23");

WebElement bn4 = driver.findElement(By.*xpath*("(//span[normalize-space()='Next'])"));

bn4.click();

}

}

**Week 11 (Myntra)**

package vasavi;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.interactions.Actions;

import org.openqa.selenium.chrome.ChromeDriver;

public class week11 {

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

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\chromedriver-win64\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

Actions builder=new Actions(driver);

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

WebElement profileHyperlink=driver.findElement(By.*xpath*("//\*[@id=\"desktop-header-cnt\"]/div[2]/div[2]/div/div[1]/span[2]"));

profileHyperlink.click();

WebElement loginbtn=driver.findElement(By.*xpath*("//\*[@id=\"desktop-header-cnt\"]/div[2]/div[2]/div/div[2]/div[2]/div[2]/div[1]/a"));

loginbtn.click();

WebElement phno=driver.findElement(By.*xpath*("//\*[@id=\"reactPageContent\"]/div/div/div[2]/div[2]/div[1]/input"));

phno.sendKeys("1234567890");

WebElement continuebtn=driver.findElement(By.*xpath*("/html/body/div[2]/div/div[2]/div[3]/div[2]/div/div/div[1]/div/div/div[2]/div[2]/div[3]"));

continuebtn.click();

Thread.*sleep*(500);

}

}

**Week 12(Pdf To Word Convertor)**

package vasavi;

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 week12 {

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

System.*setProperty*("webdriver.chrome.driver","C:\\Users\\vasav\\Downloads\\chromedriver-win64 (1)\\chromedriver-win64\\chromedriver.exe");

WebDriver driver= new ChromeDriver();

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

Thread.*sleep*(2000);

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

searchBar.sendKeys("Convert word to pdf online");

searchBar.sendKeys(*Keys*.***ENTER***);

Thread.*sleep*(30000);

WebElement pdfToWordHyperLink = driver.findElement(By.*xpath*( "(//h3[normalize-space()='Convert Your Word Doc to PDF for Free'])"));

pdfToWordHyperLink.click();

Thread.*sleep*(2000);

WebElement chooseFileBtn = driver.findElement(By.*xpath*("(//span[normalize-space()='Choose Files'])"));

chooseFileBtn.click();

Thread.*sleep*(500);

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

StringSelection str = new StringSelection("C:\\Users\\student\\Documents\\week2&3\_CODE.docx");

clipboard.setContents(str,null);

Thread.*sleep*(3000);

Robot robot = new Robot();

robot.keyPress(KeyEvent.***VK\_CONTROL***);

robot.keyPress(KeyEvent.***VK\_V***);

robot.keyPress(KeyEvent.***VK\_ENTER***);

Thread.*sleep*(30000);

WebElement download = driver.findElement(By.*xpath*("(//span[normalize-space()='Download'])"));

download.click();

} }