WEEK-6

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

ALGORITHM:
1. Accessing shopping website
2. create an account for that Ajio shopping website.
3. Enter the fields through testcases information we have provided.
4. close the acivity after successfully created account.

SOURCE CODE:

```java
package CMRIT.CMRIT_Assignment;

import java.util.Iterator;
import java.util.Set;

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

public class Ajio {

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

        System.setProperty("webdriver.chrome.driver","C:\\Users\\LENOVO\\Downloads\\chromedriver.exe");
                WebDriver driver = new ChromeDriver();
                driver.get("https://www.ajio.com/");
                driver.manage().window().maximize();
                Thread.sleep(2000);
                WebElement ajioLink = driver.findElement(By.xpath("//span[normalize-space()='Sign In / Join AJIO']"));
                ajioLink.click();
                Thread.sleep(2000);
                WebElement facebookBtn = driver.findElement(By.xpath("//span[normalize-space()='Facebook']"));
                facebookBtn.click();
                Thread.sleep(2000);
                Set<String> parentWindow = driver.getWindowHandles();
                Iterator<String> iterator = parentWindow.iterator();
                while(iterator.hasNext())
                    {
                            String childWindow = iterator.next();
                            if(!parentWindow.equals(childWindow))
                            {
                                    driver.switchTo().window(childWindow);
                            }
                    }
```

```java
        WebElement emailOrMobileNo =
driver.findElement(By.xpath("//input[@id='email']"));
            emailOrMobileNo.sendKeys("martin@gmail.com");
            WebElement pwd = driver.findElement(By.xpath("//input[@id='pass']"));
            pwd.sendKeys("Martin@123");
            WebElement loginBtn = driver.findElement(By.cssSelector("body > div:nth-
child(2) > div:nth-child(2) > div:nth-child(2) > form:nth-child(1) > div:nth-child(4) >
div:nth-child(16) > label:nth-child(2) > input:nth-child(1)"));
            loginBtn.click();

    }

}
```

<center>**WEEK- 8**</center>

AIM:
Write test case to open google and download a image from google images of cmrit website.

ALGORITHM:
1. open google images of cmrit website.
2.

SOURCE CODE:

```java
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 - CMR IT']"));
        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);
```

```java
			robot.keyPress(KeyEvent.VK_ENTER);
			Thread.sleep(3000);
			robot.keyPress(KeyEvent.VK_ENTER);



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




	}
}
```

WEEK-9

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

ALGORITHM:
1.

SOURCE CODE:

```java
package CMRIT.CMRIT_Assignment;

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 listItems
{
        public static void main(String[] args)
        {

        System.setProperty("webdriver.chrome.driver","C:\\Users\\LENOVO\\Downloads\\chromedriver.exe");
                WebDriver driver = new ChromeDriver();
                driver.manage().window().maximize();
                driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);
            //URL launch
            driver.get("https://www.justdial.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();
        }
}
```

AIM: **Write test case for validation in Gmail registration page.**

ALGORITHM:
1.

SOURCE CODE:

```java
package CMRIT.CMRIT_Assignment;

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 gmail_register {

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

    System.setProperty("webdriver.chrome.driver","C:\\Users\\LENOVO\\Downloads\
\chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.get("http://gmail.com/");
        driver.manage().window().maximize();
        Thread.sleep(2000);
        WebElement createAccount =
driver.findElement(By.xpath("(//span[normalize-space()='Create account'])[1]"));
        createAccount.click();
        WebElement mySelft = driver.findElement(By.xpath("(//span[normalize-
space()='For myself'])[1]"));
        mySelft.click();

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

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

        WebElement username = driver.findElement(By.name("Username"));
        username.sendKeys("minnukittusuhas123");

        WebElement password = driver.findElement(By.name("Passwd"));
        password.sendKeys("zxcasd@123");

        WebElement confirmPassword =
driver.findElement(By.name("ConfirmPasswd"));
        confirmPassword.sendKeys("zxcasd@123");

        WebElement nxtButton =
driver.findElement(By.xpath("(//span[normalize-space()='Next'])[1]"));
        nxtButton.click();

        Thread.sleep(3000);
```

```java
        WebElement phoneNumber =
driver.findElement(By.xpath("(//input[@id='phoneNumberId'])[1]"));
            phoneNumber.sendKeys("9876534538");

            /*
             * Select month = new
             *
Select(driver.findElement(By.xpath("(//select[@id='month'])[1]")));
             * month.selectByValue("8");
             *
             *
             * WebElement day =
driver.findElement(By.xpath("(//input[@id='day'])[1]"));
             * day.sendKeys("24");
             *
             * WebElement year =
driver.findElement(By.xpath("(//input[@id='year'])[1]"));
             * year.sendKeys("1996");
             *
             * Select gender = new
             *
Select(driver.findElement(By.xpath("(//select[@id='gender'])[1]")));
             * gender.selectByValue("1");
             */


            WebElement nxtButton2 =
driver.findElement(By.xpath("(//span[normalize-space()='Next'])[1]"));
            nxtButton2.click();


    }



}
```

<center>**WEEK-11**</center>

AIM: Write test case for myntra sign in page.

ALGORITHM:

1.

SOURCE CODE:

```
package CMRIT.CMRIT_Assignment;

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

public class Myntra_SignIn {

        public static void main(String[] args) throws InterruptedException
        {
                // System property for chrome driver

        System.setProperty("webdriver.chrome.driver","C:\\Users\\LENOVO\\Downloads\\chromedriver.exe");
                        //Using driver ref variable creating new obj for chromedriver
                        WebDriver driver = new ChromeDriver();

                        //Maximizing the chrome browser
                        driver.manage().window().maximize();

                        //MouseActions
                        //Actions builder = new Actions(driver);

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

                    //Fetching the google searchBar
                        WebElement searchBar = driver.findElement(By.name("q"));

                        //Sending myntra in searchbar
                        searchBar.sendKeys("Myntra");
                        Thread.sleep(1000);

                        //Submitting the data
                        searchBar.submit();

                        //Fetching myntralink from google search
                        WebElement myntraLink =
driver.findElement(By.xpath("(//h3[contains(text(),'Myntra: Online Shopping for Women,
Men, Kids Fashi')])[1]"));
```

```java
			myntraLink.click();

					WebElement profileHyperLink =
driver.findElement(By.xpath("(//span[normalize-space()='Profile'])[1]"));
					profileHyperLink.click();

					WebElement loginBtn =
driver.findElement(By.xpath("(//a[normalize-space()='login / Signup'])[1]"));
					loginBtn.click();

					WebElement mobileNo =
driver.findElement(By.xpath("(//input[@type='tel'])[1]"));
					mobileNo.sendKeys("9948621019");

					WebElement continueBtn =
driver.findElement(By.xpath("(//div[@class='submitBottomOption'])[1]"));
					continueBtn.click();
					Thread.sleep(1000);

					WebElement otp01 =
driver.findElement(By.xpath("(//input[@name='otp0'])[1]"));
					otp01.sendKeys("1");

					WebElement otp02 =
driver.findElement(By.xpath("(//input[@name='otp1'])[1]"));
					otp02.sendKeys("2");

					WebElement otp03 =
driver.findElement(By.xpath("(//input[@name='otp2'])[1]"));
					otp03.sendKeys("3");

					WebElement otp04 =
driver.findElement(By.xpath("(//input[@name='otp3'])[1]"));
					otp04.sendKeys("4");

					driver.close();
			}


	}
```

AIM: Write test case to convert PDF from word.

ALGORITHM:

SOURCE CODE:

```
 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();
```

```java
        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();
        }
}
```