Q) 1. Launch URL <http://demo.automationtesting.in/Frames.html>

2. Then go to Iframe with in an iFrame.

3. Enter value in Input Box.

4. Click on Single Iframe and enter your name

**Answer**

package org.example;

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 Iframes {

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

//giving path to where chrome driver is downloaded

System.setProperty("webdriver.chrome.driver", "C:\\Users\\Pallavi.Arora\\Downloads\\chromedriver\_win32\\chromedriver.exe");

WebDriver driver = new ChromeDriver();

//maximizing the window which opens

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

//deleting all the cookies and cache

driver.manage().deleteAllCookies();

//adding pageLoadTimeout of 30secs so that the page is fully loaded before performing any action

driver.manage().timeouts().pageLoadTimeout(Duration.ofSeconds(30));

//opening url

driver.get("https://demo.automationtesting.in/Frames.html");

//going to iframe within an iframe

WebElement Button = driver.findElement(By.linkText("Iframe with in an Iframe"));

Button.click();

//switching to iframe 1

WebElement iframe1 = driver.findElement(By.xpath("//div[@id='Multiple']/iframe"));

driver.switchTo().frame(iframe1);

//switching to nested iframe

WebElement iframe2 = driver.findElement(By.xpath("//div[@class='iframe-container']/iframe"));

driver.switchTo().frame(iframe2);

//Passing value in the input box

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

inputbox.sendKeys("Pallavi");

//clicking on Single Iframe

driver.switchTo().defaultContent();

driver.findElement(By.linkText("Single Iframe")).click();

//passing name in input field

driver.switchTo().frame("singleframe");

WebElement inputbox1 = driver.findElement(By.xpath("//input[@type='text']"));

inputbox1.sendKeys("Pallavi");

}

}



