Day\_20 Answers:

1. package sele\_pac;

import java.io.File;

import java.io.IOException;

import java.nio.file.Files;

import java.nio.file.StandardCopyOption;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.Keys;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

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 DemoQA {

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

WebDriver driver=new ChromeDriver();

driver.get("https://demoqa.com/automation-practice-form");

Thread.sleep(2000);

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

JavascriptExecutor js=(JavascriptExecutor)driver;

js.executeScript("window.scrollBy(0,400)");

WebElement fname=driver.findElement(By.id("firstName"));

fname.sendKeys("Neeva");

WebElement lname=driver.findElement(By.id("lastName"));

lname.sendKeys("Sharma");

WebElement email=driver.findElement(By.id("userEmail"));

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

driver.findElement(By.xpath("//\*[@id=\"genterWrapper\"]/div[2]/div[2]/label")).click();

WebElement mobile=driver.findElement(By.id("userNumber"));

mobile.sendKeys("1234567891");

driver.findElement(By.id("dateOfBirthInput")).click();

WebElement year=driver.findElement(By.xpath("//\*[@id=\"dateOfBirth\"]/div[2]/div[2]/div/div/div[2]/div[1]/div[2]/div[2]/select"));

Select sel=new Select(year);

//sel.selectByIndex(125);//2025

//sel.selectByValue("2025");

sel.selectByVisibleText("2025");

driver.findElement(By.className("react-datepicker\_\_month-select")).click();

WebElement month=driver.findElement(By.xpath("//\*[@id=\"dateOfBirth\"]/div[2]/div[2]/div/div/div[2]/div[1]/div[2]/div[1]/select"));

Select sel1=new Select(month);

sel1.selectByIndex(4);

driver.findElement(By.xpath("//\*[@id=\"dateOfBirth\"]/div[2]/div[2]/div/div/div[2]/div[2]/div[2]/div[6]")).click();

WebElement sub=driver.findElement(By.id("subjectsInput"));

String[] subjects= {"Maths","Eco","co","Eng"};

for(String subject:subjects) {

Thread.sleep(500);

sub.sendKeys(subject);

sub.sendKeys(Keys.ENTER);

}

// sub.sendKeys("Maths");

// sub.sendKeys(Keys.ENTER);

// sub.sendKeys("Phy");

// sub.sendKeys(Keys.ENTER);

// sub.sendKeys("co");

// sub.sendKeys(Keys.ARROW\_DOWN);

// sub.sendKeys(Keys.ENTER);

driver.findElement(By.xpath("//\*[@id=\"hobbiesWrapper\"]/div[2]/div[2]/label")).click();

//upload image

WebElement img=driver.findElement(By.id("uploadPicture"));

img.sendKeys("C:\\Users\\Spandana\\OneDrive\\Desktop\\image\_1.jpg");

WebElement state=driver.findElement(By.id("react-select-3-input"));

state.sendKeys("NCR");

state.sendKeys(Keys.ENTER);

WebElement city=driver.findElement(By.id("react-select-4-input"));

state.sendKeys("Delhi");

state.sendKeys(Keys.ENTER);

//submit button

driver.findElement(By.id("submit)")).click();

Thread.sleep(2000);

File src = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);

File dest=new File("screenshot.png");

Files.copy(src.toPath(), dest.toPath(),StandardCopyOption.COPY\_ATTRIBUTES);

}

}

2.

package sele\_pac;

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;

public class Alerts\_Demo {

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

WebDriver driver=new ChromeDriver();

driver.get("https://demoqa.com/alerts");

Thread.sleep(2000);

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

//sample alert(accept)

//confirmation alert(accept or cancel)

//prompt alerts(add input and then accept, or cancel)

WebElement samplealert=driver.findElement(By.id("alertButton"));

samplealert.click();

Thread.sleep(3000);

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

alert.accept();

WebElement timealert=driver.findElement(By.id("timerAlertButton"));

timealert.click();

Thread.sleep(7000);

Alert alertl2=driver.switchTo().alert();

alert.accept();

Thread.sleep(3000);

WebElement confirmalert=driver.findElement(By.id("confirmButton"));

confirmalert.click();

Thread.sleep(4000);

Alert alert1=driver.switchTo().alert();

alert1.dismiss();

Thread.sleep(3000);

WebElement promptalert=driver.findElement(By.id("promtButton"));

promptalert.click();

Thread.sleep(4000);

Alert alertl1=driver.switchTo().alert();

alertl1.sendKeys("Harry");

alert1.accept();

alertl2.accept();

}

}

3.

package sele\_pac;

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 Actions\_dbc\_mo {

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

WebDriver driver=new ChromeDriver();

driver.get("https://demoqa.com/buttons");

Thread.sleep(2000);

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

WebElement dbc=driver.findElement(By.id("doubleClickBtn"));

Actions act=new Actions(driver);

act.doubleClick(dbc).perform();

Thread.sleep(3000);

WebElement rc=driver.findElement(By.id("rightClickBtn"));

act.contextClick(rc).perform();

//perform mouse over actions

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

Thread.sleep(2000);

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

//Drag and drop

driver.get("https://demoqa.com/droppable");

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

Actions act3=new Actions(driver);

WebElement source=driver.findElement(By.id("draggable"));

WebElement target=driver.findElement(By.id("droppable"));

act3.dragAndDrop(source, target).perform();

}

}