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package com.ecommerce.test;

import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;
//import org.openqa.selenium.firefox.FirefoxDriver;

public class LocateElementsDemo {

    public static void main(String[] args) throws InterruptedException {
        // Basic configuration
        WebDriver driver = new ChromeDriver();

        // Demo for locating TextFeild, Button, Select
        // using id, name and className, xpath
        // googleAccCreation(driver);

        /* Demo locating Select and Radio Elements*/
        facebookAccCreation(driver);
    }

    /* Automate Select and Radio Elements*/
    public static void facebookAccCreation(WebDriver driver) throws InterruptedException {
        String baseUrl = "https://www.facebook.com/r.php?locale=en_GB&display=page";

        driver.get(baseUrl);

        //The Day Dropdown
        //*[@id="day"]

        ///html/body/div[1]/div[1]/div[1]/div[2]/div/div[2]/div/div/div[1]/form/div[1]/div[5]/div[2]/span/select[1]
    }
}

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String fullXPathOfDayDropDown =

    "/html/body/div[1]/div[1]/div[1]/div[2]/div/div[2]/div/div/div[1]/form/div[1]/div[5]/div[2]/span/span/select[1]";

    WebElement dayDropDown =
driver.findElement(By.xpath(fullXPathOfDayDropDown));

    Select select = new Select(dayDropDown);
    select.selectByVisibleText("11");

    // TRY THIS - Locate the month and year

    // Locate the Gender and set it to M/F/C
//
    WebElement gender=
driver.findElement(By.xpath("/html/body/div[1]/div[1]/div[1]/div[2]/div/div[2]/div/div/div[1]/form/div[1]/div[7]/span/span[2]/input"));
//
    gender.click();

    //WebElement gender= driver.findElement(By.cssSelector("#u_0_5_eQ")); // NOT
WORKING, because id are dynamically generated

    WebElement gender= driver.findElement(By.cssSelector("span > span >
input[type='radio'][value='1']"));
    gender.click(); // selects Female

    //Locating image by its tag names
    WebElement fbLogoImage = driver.findElement(By.tagName("img"));
    System.out.println("FB Logo src is "+fbLogoImage.getAttribute("src"));

    //Locate a link and click it.
    WebElement fbAlreadyLink = driver.findElement(By.linkText("Already have an
account?"));
    fbAlreadyLink.click();

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}
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public static void googleAccCreation(WebDriver driver) throws InterruptedException {

    String baseUrl =
"https://accounts.google.com/signup/v2/createaccount?flowEntry=SignUp";

    driver.get(baseUrl);

    // Locate the first name feild using id
    WebElement firstNameTF = driver.findElement(By.id("firstName"));

    //System.out.println("firstname text feild details "+firstNameTF);

    firstNameTF.sendKeys("firname");

    // Locate the last name feild using name
    WebElement lastNameTF =
driver.findElement(By.name("lastName"));

    lastNameTF.sendKeys("lasname");

    //Locate the button using class
    WebElement nextButton =
driver.findElement(By.className("VfPpkd-vQzf8d"));

    nextButton.click();

    // Locate by XPath
    String xPathOfMonth =
"/html/body/div[1]/div[1]/div[2]/div/div[2]/div/div/div[2]/div/div[1]/div/form/span/section/div/div/
div[1]/div[2]/div/div/div[2]/select";

    WebElement monthSelectElement =
driver.findElement(By.xpath(xPathOfMonth));
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        System.out.println("monthSelectElement details  
        "+monthSelectElement);  
  
        Select select = new Select(monthSelectElement);  
        select.selectByValue("6");  
  
        Thread.sleep(15000);  
        driver.close();  
    }  
}
```