Acttivity11

import java.time.Duration;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

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

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

public class Activity11 {

public static void main(String[] args) {

WebDriver driver = new FirefoxDriver();

WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(10));

driver.get("https://www.training-support.net/webelements/dynamic-controls");

System.out.println("Page title is: " + driver.getTitle());

WebElement checkbox = driver.findElement(By.id("checkbox"));

System.out.println("Checkbox is visible? " + checkbox.isDisplayed());

driver.findElement(By.xpath("//button[text()='Toggle Checkbox']")).click();

wait.until(ExpectedConditions.invisibilityOf(checkbox));

System.out.println("Checkbox is visible? " + checkbox.isDisplayed());

driver.findElement(By.xpath("//button[text()='Toggle Checkbox']")).click();

wait.until(ExpectedConditions.elementToBeClickable(checkbox)).click();

System.out.println("Checkbox is selected? " + checkbox.isSelected());

driver.quit();

}

}

Activity12

from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support import expected\_conditions as EC

from selenium.webdriver.support.wait import WebDriverWait

with webdriver.Firefox() as driver:

# Declare the wait variable

wait = WebDriverWait(driver, timeout=10)

driver.get("https://training-support.net/webelements/dynamic-content")

print("Page title is: ", driver.title)

driver.find\_element(By.ID, "genButton").click()

if wait.until(EC.text\_to\_be\_present\_in\_element((By.ID, "word"), "release")):

print("Word found: ", driver.find\_element(By.ID, "word").text)

Activity 13

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

public class Activity13 {

public static void main(String[] args) {

WebDriver driver = new FirefoxDriver();

driver.get("https://training-support.net/webelements/tables");

System.out.println("Page title: " + driver.getTitle());

List<WebElement> cols = driver.findElements(By.xpath("//table[contains(@class, 'table-auto')]/thead/tr/th"));

System.out.println("Number of columns: " + cols.size());

List<WebElement> rows = driver.findElements(By.xpath("//table[contains(@class, 'table-auto')]/tbody/tr"));

System.out.println("Number of rows: " + rows.size());

List<WebElement> thirdRow = driver.findElements(By.xpath("//table[contains(@class, 'table-auto')]/tbody/tr[3]/td"));

System.out.println("Third row cell values: ");

for(WebElement cell : thirdRow) {

System.out.println(cell.getText());

}

WebElement cellValue = driver.findElement(By.xpath("//table[contains(@class, 'table-auto')]/tbody/tr[2]/td[2]"));

System.out.println("Second row, second cell value: " + cellValue.getText());

driver.quit();

}

}

Activity14

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

public class Activity14 {

public static void main(String[] args) {

WebDriver driver = new FirefoxDriver();

driver.get("https://training-support.net/webelements/tables");

System.out.println("Page title: " + driver.getTitle());

List<WebElement> cols = driver.findElements(By.xpath("//table[contains(@class, 'table-auto')]/thead/tr/th"));

System.out.println("Number of columns: " + cols.size());

List<WebElement> rows = driver.findElements(By.xpath("//table[contains(@class, 'table-auto')]/tbody/tr"));

System.out.println("Number of rows: " + rows.size());

WebElement cellValue = driver.findElement(By.xpath("//table[contains(@class, 'table-auto')]/tbody/tr[5]/td[2]"));

System.out.println("Book name before sorting: " + cellValue.getText());

driver.findElement(By.xpath("//table[contains(@class, 'table-auto')]/thead/tr/th[5]")).click();

cellValue = driver.findElement(By.xpath("//table[contains(@class, 'table-auto')]/tbody/tr[5]/td[2]"));

System.out.println("Book Name after sorting: " + cellValue.getText());

driver.quit();

}

}

Activity 15

# Import webdriver from selenium

from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support import expected\_conditions as EC

from selenium.webdriver.support.wait import WebDriverWait

with webdriver.Firefox() as driver:

wait = WebDriverWait(driver, timeout=10)

# Navigate to the URL

driver.get("https://training-support.net/webelements/dynamic-attributes")

print("Page title is: ", driver.title)

fullName = driver.find\_element(By.XPATH, "//input[starts-with(@id, 'full-name')]")

email = driver.find\_element(By.XPATH, "//input[contains(@id, '-email')]")

eventDate = driver.find\_element(By.XPATH, "//input[contains(@name, '-event-date-')]")

details = driver.find\_element(By.XPATH, "//textarea[contains(@id, '-additional-details-')]")

fullName.send\_keys("Raiden Shogun")

email.send\_keys("raiden@electromail.com")

eventDate.send\_keys("2025-06-26")

details.send\_keys("It will be electric!")

driver.find\_element(By.XPATH, "//button[text()='Submit']").click()

message = wait.until(EC.visibility\_of\_element\_located((By.ID, "action-confirmation"))).text

print("Success message: ", message)

Activity16

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

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

public class Activity16 {

public static void main(String[] args) {

WebDriver driver = new FirefoxDriver();

driver.get("https://training-support.net/webelements/selects");

// Print the title of the page

System.out.println("Page title is: " + driver.getTitle());

WebElement dropdown = driver.findElement(By.cssSelector("select.h-10"));

Select singleSelect = new Select(dropdown);

singleSelect.selectByVisibleText("Two");

System.out.println("Second option: " + singleSelect.getFirstSelectedOption().getText());

singleSelect.selectByIndex(3);

System.out.println("Third option: " + singleSelect.getFirstSelectedOption().getText());

singleSelect.selectByValue("four");

System.out.println("Fourth option: " + singleSelect.getFirstSelectedOption().getText());

List<WebElement> allOptions = singleSelect.getOptions();

System.out.println("Options in the dropdown: ");

for(WebElement option : allOptions) {

System.out.println(option.getText());

}

driver.quit();

}

}

Activity17

# Import webdriver from selenium

from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support.select import Select

with webdriver.Firefox() as driver:

# Navigate to the URL

driver.get("https://training-support.net/webelements/selects")

# Print the title of the page

print("Page title is: ", driver.title)

selectElement = driver.find\_element(By.CSS\_SELECTOR, "select.h-80")

# Pass the WebElement to the Select object

multiSelect = Select(selectElement)

multiSelect.select\_by\_visible\_text("HTML")

for i in range(3, 5):

multiSelect.select\_by\_index(i)

multiSelect.select\_by\_value("nodejs")

selectedOptions = multiSelect.all\_selected\_options

print("Selected options are: ")

for option in selectedOptions:

print(option.text)

multiSelect.deselect\_by\_index(4)

selectedOptions = multiSelect.all\_selected\_options

print("Selected options are: ")

for option in selectedOptions:

print(option.text)

Activity18

# Import webdriver from selenium

from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support import expected\_conditions as EC

from selenium.webdriver.support.wait import WebDriverWait

with webdriver.Firefox() as driver:

wait = WebDriverWait(driver, timeout=10)

driver.get("https://training-support.net/webelements/alerts")

print("Page title is: ", driver.title)

driver.find\_element(By.ID, "simple").click()

simpleAlert = wait.until(EC.alert\_is\_present())

alertText = simpleAlert.text

print("Text in alert: " + alertText)

simpleAlert.accept()

print(driver.find\_element(By.ID, "result").text)

Activity19

# Import webdriver from selenium

from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support import expected\_conditions as EC

from selenium.webdriver.support.wait import WebDriverWait

with webdriver.Firefox() as driver:

wait = WebDriverWait(driver, timeout=10)

driver.get("https://training-support.net/webelements/alerts")

print("Page title is: ", driver.title)

driver.find\_element(By.ID, "confirmation").click()

confirmAlert = wait.until(EC.alert\_is\_present())

alertText = confirmAlert.text

print("Text in alert: " + alertText)

confirmAlert.dismiss()

print(driver.find\_element(By.ID, "result").text)

Activity20

# Import webdriver from selenium

from selenium import webdriver

from selenium.webdriver.common.by import By

from selenium.webdriver.support import expected\_conditions as EC

from selenium.webdriver.support.wait import WebDriverWait

with webdriver.Firefox() as driver:

wait = WebDriverWait(driver, timeout=10)

driver.get("https://training-support.net/webelements/alerts")

print("Page title is: ", driver.title)

driver.find\_element(By.ID, "prompt").click()

promptAlert = wait.until(EC.alert\_is\_present())

alertText = promptAlert.text

print("Text in alert: " + alertText)

promptAlert.send\_keys("Awesome!")

promptAlert.accept()

print(driver.find\_element(By.ID, "result").text)