Answer 1:

class Account {

protected double interest;

public Account(double interest) {

this.interest = interest;

}

public void calculateInterest() {

}

}

class SavingsAccount extends Account {

public SavingsAccount(double interest) {

super(interest);

}

@Override

public void calculateInterest() {

}

}

class CurrentAccount extends Account {

public CurrentAccount(double interest) {

super(interest);

}

@Override

public void calculateInterest() {

}

}

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Answer 2:

class Student:

def \_\_init\_\_(self, name, grade, age):

self.name = name

self.grade = grade

self.age = age

def display(self):

print("Name:", self.name)

print("Grade:", self.grade)

print("Age:", self.age)

class School(Student):

def schoolStudentDisplay(self):

self.display()

student = Student("John", "10th", 16)

student.display()

school\_student = School("Jane", "12th", 18)

school\_student.schoolStudentDisplay()

Answer 3:

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

public class MakeMyTripLogoVerification {

public static void main(String[] args) {

System.setProperty("webdriver.gecko.driver", "path/to/geckodriver");

WebDriver driver = new FirefoxDriver();

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

WebElement logo = driver.findElement(By.xpath("//img[@class='brand-logo']"));

if (logo.isDisplayed()) {

System.out.println("MakeMyTrip logo is present on the page.");

} else {

System.out.println("MakeMyTrip logo is not present on the page.");

}

driver.quit();

}

}

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Answer 4:

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class MakeMyTripFlightSearch {

private static WebDriver driver;

public static void main(String[] args) {

System.setProperty("webdriver.chrome.driver", "path/to/chromedriver");

driver = new ChromeDriver();

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

clickElementByXPath("//a[@data-cy='mainMenuFlights']");

clickElementByXPath("//li[@data-cy='oneWayTrip']");

enterTextByXPath("//input[@id='fromCity']", "Delhi");

enterTextByXPath("//input[@id='toCity']", "Mumbai");

driver.quit();

}

public static void clickElementByXPath(String xpath) {

WebElement element = driver.findElement(By.xpath(xpath));

element.click();

}

public static void enterTextByXPath(String xpath, String text) {

WebElement element = driver.findElement(By.xpath(xpath));

element.clear();

element.sendKeys(text);

}

}

Answer 5:

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.testng.Assert;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Test;

import org.testng.TestNG;

public class MakeMyTripLogoVerificationTest {

private WebDriver driver;

@BeforeMethod

public void setup() {

System.setProperty("webdriver.gecko.driver", "path/to/geckodriver");

driver = new FirefoxDriver();

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

}

@Test

public void verifyMakeMyTripLogo() {

WebElement logo = driver.findElement(By.xpath("//img[@class='brand-logo']");

Assert.assertTrue(logo.isDisplayed(), "MakeMyTrip logo is not present on the page.");

}

@BeforeMethod

public void tearDown() {

driver.quit();

}

}

public class TestRunner {

public static void main(String[] args) {

TestNG testng = new TestNG();

testng.setTestClasses(new Class[] { MakeMyTripLogoVerificationTest.class });

testng.run();

}

}

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.Assert;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Test;

public class MakeMyTripFlightSearchTest {

private WebDriver driver;

@BeforeMethod

public void setup() {

System.setProperty("webdriver.chrome.driver", "path/to/chromedriver");

driver = new ChromeDriver();

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

}

@Test

public void testFlightSearch() {

clickElementByXPath("//a[@data-cy='mainMenuFlights']");

clickElementByXPath("//li[@data-cy='oneWayTrip']");

enterTextByXPath("//input[@id='fromCity']", "Delhi");

enterTextByXPath("//input[@id='toCity']", "Mumbai");

driver.quit();

}

public void clickElementByXPath(String xpath) {

WebElement element = driver.findElement(By.xpath(xpath);

element.click();

}

public void enterTextByXPath(String xpath, String text) {

WebElement element = driver.findElement(By.xpath(xpath));

element.clear();

element.sendKeys(text);

}

}

import org.testng.TestNG;

import java.util.ArrayList;

import java.util.List;

public class TestRunner {

public static void main(String[] args) {

TestNG testng = new TestNG();

List<String> suites = new ArrayList<String>();

suites.add("testng.xml"); // If you have a testng.xml file, specify it here.

testng.setTestSuites(suites);

testng.run();

}

}

xml

<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">

<suite name="MakeMyTripSuite">

<test name="MakeMyTripTest">

<classes>

<class name="MakeMyTripFlightSearchTest" />

</classes>

</test>

</suite>

Answer6:

1: Set up a Maven Project

mvn archetype:generate -DgroupId=com.example -DartifactId=maven-selenium-project -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false

2: Navigate to the project directory:

cd maven-selenium-project

3: Add Dependencies in pom.xml

<dependencies>

<!-- Selenium WebDriver Dependency -->

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>3.141.59</version> <!-- Replace with the latest version -->

</dependency>

<!-- TestNG Dependency -->

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.4.0</version> <!-- Replace with the latest version -->

</dependency>

</dependencies>

4. Create Test Classes

MakeMyTripLogoVerificationTest

5. Run Tests using Maven

<build>

<plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.1</version> <!-- Replace with the latest version -->

<configuration>

<source>1.8</source> <!-- Replace with your Java version -->

<target>1.8</target> <!-- Replace with your Java version -->

</configuration>

</plugin>

<!-- TestNG plugin configuration to execute tests -->

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-surefire-plugin</artifactId>

<version>3.0.0-M5</version> <!-- Replace with the latest version -->

<configuration>

<suiteXmlFiles>

<suiteXmlFile>src/test/resources/testng.xml</suiteXmlFile>

</suiteXmlFiles>

</configuration>

</plugin>

</plugins>

</build>

6. Create a TestNG XML File

Create a TestNG XML file (e.g., testng.xml)

7: Run Tests with Maven

mvn test

Answer 7: