**Phase2-Project3**

**githublink:**

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**Soruce-code**

package com.Phase2Project3;

import java.util.HashMap; import java.util.Map;

public class PracticeSearch {

private Map<String, Integer> getPractice() {

Map<String, Integer> practiceMap = new HashMap<String,

Integer>();

practiceMap.put("Selenium", 37); practiceMap.put("Java", 25); practiceMap.put("TestNG", 20); practiceMap.put("Jenkins", 23);

return practiceMap;

}

public int getPractice(String course) {

Map<String, Integer> practiceMap = null ; int count =0;

if(course.isEmpty())

{

throw new NullPointerException("Course name cannot

be empty");

}

practiceMap = getPractice();

if(!practiceMap.containsKey(course))

{

throw new NullPointerException("Course name doesnot

exist");

} else { count = practiceMap.get(course);

}

return count;

}

}

========================================================================== package com.Phase2Project3;

import org.testng.Assert; import org.testng.annotations.Test;

public class TestPracticeSearch {

@Test

public void findpractice()

{

String course = "Selenium"; int ExpectedPractice = 37;

PracticeSearch ps = new PracticeSearch(); // number of people in the city

int count = ps.getPractice(course);

System.out.println(count);

Assert.assertEquals(count, ExpectedPractice);

}

@Test

public void findpracticeEmptyInput()

{

try {

String course = ""; int ExpectedPractice = 0;

PracticeSearch ps = new PracticeSearch(); // number of people in the city int count = ps.getPractice(course);

}

catch(NullPointerException e)

{

System.out.println("Course name cannot be empty");

}

}

@Test

public void findpracticeInvalidInput()

{

try {

String course = "java"; int ExpectedPractice = 27;

PracticeSearch ps = new PracticeSearch();

int count = ps.getPractice(course);

}

catch(NullPointerException e1)

{

System.out.println("Course name doesnot exisit in the list");

}

}

}

===========================================================================

**package** com.Phase2Project3;

**import** org.openqa.selenium.By; **import** org.openqa.selenium.WebDriver; **import** org.openqa.selenium.chrome.ChromeDriver; **import** org.testng.annotations.Test;

@Test **public** **class** TestSimplilearn {

WebDriver driver = **new** ChromeDriver(); driver.manage().window().maximize(); driver.get("https://www.simplilearn.com/");

String title = driver.getTitle(); System.out.println(title); driver.quit();

}

@Test **public** **void** login() **throws** InterruptedException

{

WebDriver driver = **new** ChromeDriver(); driver.manage().window().maximize(); driver.get("https://www.simplilearn.com/"); driver.findElement(By.linkText("My Account")).click(); driver.findElement(By.linkText("Login")).click();

driver.findElement(By.id("input-email")).sendKeys("ananyashukla@gmail.com"); driver.findElement(By.id("input-password")).sendKeys("123456789"); driver.findElement(By.xpath("//input[@value='Login']")).click();

Thread.sleep(1500);

driver.close();

}

@Test **public** **void** logout() **throws** InterruptedException

{

WebDriver driver = **new** ChromeDriver(); driver.manage().window().maximize(); driver.get("https://www.simplilearn.com/"); driver.findElement(By.linkText("My Account")).click(); driver.findElement(By.linkText("Login")).click(); driver.findElement(By.id("input-email")).sendKeys("seleniumdemo@gmail.com"); driver.findElement(By.id("input-password")).sendKeys("123456"); driver.findElement(By.xpath("//input[@value='Login']")).click(); Thread.sleep(1500); driver.findElement(By.linkText("My Account")).click(); driver.findElement(By.linkText("Logout")).click();

Thread.sleep(1500); driver.close();

}

}

}

# =====================================

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