The website address is **https://www.digitalpulse.pwc.com.au**

**Scenarios-1**

**Given** I navigate to the PwC Digital Pulse website

**When** I am viewing the ‘Home’ page

**Then** I am presented with 3 columns of articles

**And** The ‘left’ column is displaying 2 articles

**And** the ‘middle’ column is displaying 1 articles

**And** The ‘right’ column is displaying 4 articles

**Code**

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.Test;

public class Task\_1 {

**@Test**

public void Viewhomepage()

{

*//Setting system properties of ChromeDriver*

System.setProperty("webdriver.chrome.driver", "path of driver");

*//Creating an object of ChromeDriver*

WebDriver driver=new ChromeDriver();

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

*//launching the PwC digitalpulse URL*

driver.navigate().to ("https://www.digitalpulse.pwc.com.au");

driver.close()

}

}

**Scenarios-2**

**Given** I navigate to the PwC Digital Pulse website

**And** I am viewing the ‘Home’ page

**When** I click on the ‘Subscribe’ navigation link

**Then** I am taken to the ‘Subscribe’ page

**And** I am presented with the below fields

|  |  |  |
| --- | --- | --- |
| **Field** | **Required** | **Type** |
| First Name | True | Text |
| Last Name | True | Text |
| Organisation | True | Text |
| Job title | True | Text |
| Business email address | True | Text |
| State | True | Dropdown |
| Country | True | Dropdown |

**And** I will need to complete Google reCAPTCHA before I can complete my request

**Code**

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.support.ui.WebDriverWait;

import org.testng.annotations.Test;

public class Task2 {

**@Test**

public void GetValAttribute()

{

*//Setting system properties of ChromeDriver*

System.setProperty("webdriver.chrome.driver", "path of driver");

*//Creating an object of ChromeDriver*

WebDriver driver=new ChromeDriver();

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

*//launching the PwC digitalpulse URL*

driver.navigate().to ("https://www.digitalpulse.pwc.com.au");

*// identify element with link text*

link=driver.find\_element\_by\_link\_text("Subscribe")

link.click()

*// Get the WebElement corresponding to the (TextField and drop down)*

WebElement fname =driver.findElement(By.xpath("//input[@name='FirstName']"));

fname.sendKeys("John");

WebElement lname =driver.findElement(By.xpath("//input[@name='LastName']"));

lname.sendKeys("Deo");

WebElement company =driver.findElement(By.xpath("//input[@name='Company']"));

organisation.sendKeys("Banking");

WebElement jobtitle =driver.findElement(By.xpath("//input[@name='JobTitle']"));

jobtitle.sendKeys("Data Analyst");

WebElement email =driver.findElement(By.xpath("//input[@name='EmailAddres']"));

Businessemailadd.sendKeys("j.d@pwc.com");

Select drpstat= new Select(driver.findElement(By.id("State")));

drpstat.selectByVisibleText("ACT");

Select drpCountry = new Select(driver.findElement(By.id("Country")));

drpCountry.selectByVisibleText("India");

System.out.println("Value entered in text box is true");

*//for google recpatcha*

WebDriverWait wait = new WebDriverWait(driver, Duration.ofSeconds(25));

wait.until(ExpectedConditions.elementToBeClickable(

By.xpath("//div[@id='rc-anchor-container']"))).click();

System.out.println("Please Click here");

*// Find the submit button*

WebElement submit = driver.findElement(By.id("btn-submit"));

driver.findElement(By.xpath("//input[@name='FirstName']")).sendKeys("John”);

driver.findElement(By.xpath("//input[@name='LastName']")).sendKeys("Deo”);

driver.findElement(By.xpath("//input[@name='Company']")).sendKeys("Banking”);

driver.findElement(By.xpath("//input[@name='JobTitle']")).sendKeys("Data Analyst”);

driver.findElement(By.xpath("//input[@name=' EmailAddres']")).sendKeys("j.d@pwc.com”);

new Select(driver.findElement(By.id("State"))). drpstat.selectByVisibleText("ACT");

new Select(driver.findElement(By.id("Country"))). drpCountry.selectByVisibleText("India");

driver.findElement(By.id("btn-submit")).submit();

System.out.println("Form Submitted successfully");

driver.close();

}

}

**Scenarios-3**

**Given** I navigate to the PwC Digital Pulse website

**When** I click on the ‘Magnifying glass’ icon to perform a search

**And** I enter the text ‘Single page applications’

**And** I submit the search Then I am taken to the search results page

**And** I am presented with at least 1 search result

**Code**

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.support.ui.WebDriverWait;

import org.testng.annotations.Test;

public class Task3 {

**@Test**

public void SearchActivity()

{

*//Setting system properties of ChromeDriver*

System.setProperty("webdriver.chrome.driver", "path of driver");

*//Creating an object of ChromeDriver*

WebDriver driver=new ChromeDriver();

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

*//launching the PwC digitalpulse URL*

driver.navigate().to ("https://www.digitalpulse.pwc.com.au");

*// identify element*

WebElement p=driver.findElement(By.xpath("//button[@class="search-hide levelOneLink"]]")));

*//enter text with sendKeys() then apply submit()*

p.sendKeys("Single page applications");

*//click on search again*

By.xpath("//input[@class="submit-search"]]"))).click();

*// search for results page*

List AllSearchResults=driver.findElements(By.xpath("//div[@class="col-xs-12 col-sm-9 pull-right"]));

System.out.println("2 Results for Single page applications");

drive.close()

}

}