**Task -1**

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()

}

}

**Task -2**

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();

}

}

**Task -3**

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

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()

}

}