**Group Test Cases and Parallel Test Execution**

package assistedPracticeSolutions;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.testng.annotations.Test;

public class ParallelTests {

WebDriver driver;

@Test(groups="Chrome")

public void LaunchChrome() {

driver = new ChromeDriver();

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

try {

Thread.sleep(2000);

} catch (Exception e) {

e.printStackTrace();

}

}

@Test(groups="Chrome", dependsOnMethods="LaunchChrome")

public void TryFacebook1() {

System.out.println(Thread.currentThread().getId());

driver.findElement(By.id("email")).sendKeys("pruthvishreesk@gmail.com");

driver.findElement(By.id("pass")).sendKeys("123456");

driver.findElement(By.id("loginbutton")).click();

}

@Test(groups="Firefox")

public void LaunchFirefox() {

System.setProperty("webdriver.gecko.driver", "./Resources/geckodriver.exe");

driver = new FirefoxDriver();

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

try {

Thread.sleep(4000);

} catch (Exception e) {

e.printStackTrace();

}

}

@Test(groups="Firefox", dependsOnMethods="LaunchFirefox")

public void TryFacebook2() {

System.out.println(Thread.currentThread().getId());

driver.findElement(By.id("email")).sendKeys("pruthvishreesk@gmail.com");

driver.findElement(By.id("pass")).sendKeys("122334");

driver.findElement(By.id("loginbutton")).click();

System.out.println(Thread.currentThread().getId());

}

}