**POM using page factory**

**package** com.wordpress.Pages;

**import** org.openqa.selenium.support.CacheLookup;

**import** org.openqa.selenium.support.FindBy;

**import** org.openqa.selenium.support.How;

**public** **class** LoginPageNew

{

WebDriver driver;

**public** LoginPageNew(WebDriver ldriver)

{

**this**.driver=ldriver;

}

@FindBy(id="user\_login")

@CacheLookup

WebElement username;

@FindBy(how=How.***ID***,using="user\_pass")

@CacheLookup

WebElement password;

@FindBy(how=How.***XPATH***,using=".//\*[@id='wp-submit']")

@CacheLookup

WebElement submit\_button;

@FindBy(how=How.***LINK\_TEXT***,using="Lost your password?")

@CacheLookup

WebElement forget\_password\_link;

**public** **void** login\_wordpress(String uid,String pass)

{

username.sendKeys(uid);

password.sendKeys(pass);

submit\_button.click();

}

}

Test Case using Page Factory

**package** com.wordpress.Testcases;

**import** com.wordpress.Pages.LoginPage;

**import** com.wordpress.Pages.LoginPageNew;

**import** Helper.BrowserFactory;

**public** **class** VerifyValidLogin

{

@Test

**public** **void** checkValidUser()

{

WebDriver driver=**new** FirefoxDriver();

driver.get("https://demosite.center/wordpress/wp-login.php");

// Created Page Object using Page Factory

LoginPageNew login\_page=PageFactory.initElements(driver, LoginPageNew.**class**);

// Call the method

login\_page.login\_wordpress("admin", "demo123");

}

}