

```
package Asserts;

import org.testng.annotations.Test;
import org.testng.annotations.BeforeClass;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.Assert;
import org.testng.SkipException;
import org.testng.annotations.AfterClass;

public class Selenium_dev {
    WebDriver driver;
    boolean isFailed = false;

    @BeforeClass
    public void beforeClass() {
        driver = new ChromeDriver();
        driver.get("https://www.selenium.dev/");
        driver.manage().window().maximize();
    }

    @Test
    public void title() {
        String expectedtitle = "Selenium dev";
        String actualtitle = driver.getTitle();
        try {
            Assert.assertEquals(expectedtitle, actualtitle, "Title validation failed");
            isFailed = true;
        } catch (Exception e) {
            System.out.println(e);
        }
        System.out.println("Expected title : " + expectedtitle);
    }
}
```

```
        System.out.println("Actual title : " + actualtitle);
    }

    @Test
    public void url() {
        if(!isFailed) {
            throw new SkipException("Skipped");
        }

        String expectedurl = "https://www.selenium.dev/";
        String actualurl = driver.getCurrentUrl();

        Assert.assertEquals(expectedurl, actualurl, "URL validation failed");
        System.out.println("Expected URL : " + expectedurl);
        System.out.println("Actual URL : " + actualurl);
    }

    @AfterClass
    public void afterClass() {
        driver.quit();
    }
}
```

```

public class Task1 {

    WebDriver driver;

    WebDriverWait wait;

    Actions actions;

    @BeforeTest

    public void beforeTest() throws InterruptedException {

        driver=new ChromeDriver();

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

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

        wait = new WebDriverWait(driver, Duration.ofSeconds(10));

        actions = new Actions(driver);

    }

    @Test()

    public void login() throws InterruptedException {

driver.get("https://signin.ebay.com/ws/eBayISAPI.dll?SignIn&sgfl=gh&ru=https%3A%2F%2Fwww.ebay.com%2F");

        PageClass pg = new PageClass(driver);

        pg.login();

    }

    @Test(enabled = false)

    public void changename() throws InterruptedException {

        PageClass pg = new PageClass(driver);

        pg.changename();

        Thread.sleep(1000);
    }
}

```

```
public class Task2 {

    WebDriver driver;

    WebDriverWait wait;

    Actions actions;

    @BeforeTest

    public void beforeTest() throws InterruptedException {

        driver=new ChromeDriver();

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

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

        wait = new WebDriverWait(driver, Duration.ofSeconds(10));

        actions = new Actions(driver);

    }

    @Test(invocationCount = 2)

    public void search() throws InterruptedException {

        PageClass pg = new PageClass(driver);

        pg.search_in();

        pg.home();

        Thread.sleep(2000);

        //by using for loop

        for(int i = 0; i <2; i++) {

            pg.search_in();

            pg.home();

            Thread.sleep(2000);

        }

    }

}
```

```
public class Task3 {  
    @Test  
    @Parameters({"username", "password"})  
    public void loginTest(@Optional("admin") String username,@Optional("admin123") String  
password) {  
        System.out.println("Username: " + username);  
        System.out.println("Password: " + password);  
  
        if(username.equals("admin") && password.equals("admin123")) {  
            System.out.println("Login success");  
        } else {  
            System.out.println("Login failed");  
        }  
    }  
}
```

```

public class Task4 {

    WebDriver driver;

    WebDriverWait wait;

    Actions actions;

    @BeforeTest

    public void beforeTest() throws InterruptedException {

        driver=new ChromeDriver();

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

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

        wait = new WebDriverWait(driver, Duration.ofSeconds(10));

        actions = new Actions(driver);

    }

    @Test()

    public void login() throws InterruptedException {

driver.get("https://signin.ebay.com/ws/eBayISAPI.dll?SignIn&sgfl=gh&ru=https%3A%2F%2Fwww.ebay.com%2F");

        PageClass pg = new PageClass(driver);

        pg.login();

    }


    @Test(dependsOnMethods = {"login"})

    public void product() {

        PageClass pg = new PageClass(driver);

        pg.search();

    }


    @Test(dependsOnMethods = {"login"})

    public void logout() {

```

```
        WebElement greeting =  
wait.until(ExpectedConditions.visibilityOfElementLocated(By.cssSelector("span.gh-  
identity__greeting")));
```

```
        actions.moveToElement(greeting).perform();
```

```
        WebElement signOut =  
wait.until(ExpectedConditions.elementToBeClickable(By.linkText("Sign out")));
```

```
        signOut.click();
```

```
    }
```