1. Which is not a Selenium concept? [1]
2. Maven
3. Selenium IDE
4. Selenium Grid
5. WebDriver
6. ………………….. is the best call for finding multiple elements using Xpath. [1]
7. findElementByXpath
8. findElementsByXpath
9. findElementsByCSS
10. b and c
11. How Do You Locate An Element By Partially Comparing Its Attributes In XPath? Write Syntax. [1]

//html\_tag[contains(@attribute\_name,’attribute\_value’)]

1. What Does The Webdriver Driver = New FirefoxDriver(); Mean? [1]

Webdriver driver = new FirefoxDriver();

**Ans:**

Here Webdriver is interface so Firefox is class it implements all method webdriver interface, this above statement launch firefox broser.

Note : User can run script only on firefox browser.

1. Is It Mandatory To Prefix The URL With HTTP Or HTTPS While Calling The Web Driver’s Get() Method? [1]

a)True

b)False

6.Which of the following one is the Selenium IDE? [1]

a) Flash Plug-In

b) FireFox plugin

c) Windows Software

d) Java Software

### 7. Selenium Tests……….[1]

a) GUI Applications

b) Browser based applications

c) DOS Applications

d) None of the applications

### 8. If an element got added after the page has loaded what command would you use to make sure the test passed in the future? [1]

a) waitForElementPresent  
b) pause  
c) assertElementPresent

### 9. Will a findElements type call throw a NoSuchElement

### Exception when it can’t find the element? [1]

### No : findElements return empty list

### 10. Which one is a class in Selenium ? [1]

a) WebDriverWait  
b) WebElement  
c) WebDriver  
d) getPageSource

11. Which of the following language is not supported by Selenium? [1]

1. PHP
2. C#
3. ASP
4. Java

12. Write a Program in proper Test Case format for creating Workspace in UDD. [3]

package pageObjects;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.How;

import org.openqa.selenium.support.ui.ExpectedCondition;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.Select;

import org.openqa.selenium.support.ui.WebDriverWait;

public class POCreateWorkspace {

final WebDriver driver;

public POCreateWorkspace(WebDriver driver)

{

this.driver = driver;

}

//PageFactory Finding locators for workspace

@FindBy(how = How.XPATH, using = "/html/body/main/div/div[3]/div/div/div/scrollable-tabset/div/div[1]/div/div/div[3]/div/div/div/div[1]/div/h5[2]/span[1]/i")

public WebElement createicon;

@FindBy(how = How.XPATH, using = "/html/body/div[1]/div/div/div[2]/div/div[1]/div[2]/ng-include/div/div[1]/fieldset/div[2]/ul/li/span")

public WebElement pmbd;

@FindBy(how = How.XPATH, using = "//span[contains(text(),'COE')]")

public WebElement coe;

@FindBy(how = How.XPATH, using = "//span[contains(text(),'GroupCoe')]")

public WebElement coegroup;

@FindBy(how = How.XPATH, using = "/html/body/div[1]/div/div/div[2]/div/div[1]/div[2]/ng-include/div/div[1]/fieldset/div[2]/ul/li/ul/li[1]/ul/li[5]/ul/li[13]/span")

public WebElement stream;

@FindBy(how = How.XPATH, using = "//button[contains(text(),'Next')]")

public WebElement nextbutton;

//Select Reference

@FindBy(how = How.XPATH, using = "/html/body/div[1]/div/div/div[2]/div/div[1]/div[2]/ng-include/div/div[1]/fieldset/div[2]/div/p")

public WebElement release;

@FindBy(how = How.XPATH, using = "/html/body/div[1]/div/div/div[2]/div/div[1]/div[2]/ng-include/div/div[1]/fieldset/div[2]/div/div/p")

public WebElement releaseyear;

@FindBy(how = How.XPATH, using = "/html/body/div[1]/div/div/div[2]/div/div[1]/div[2]/ng-include/div/div[1]/fieldset/div[2]/div/div/div/p")

public WebElement phase;

@FindBy(how = How.XPATH, using = "/html/body/div[1]/div/div/div[2]/div/div[1]/div[2]/ng-include/div/div[1]/fieldset/div[2]/div/div/div/div[1]/p")

public WebElement version;

//udd workspace

@FindBy(how = How.XPATH, using = "//input[@id='uddWorkspaceName']")

public WebElement wsname;

@FindBy(how = How.XPATH, using = "//textarea[@id='description']")

public WebElement desc;

@FindBy(how = How.XPATH, using = "//i[@class='fa fa-folder-open']")

public WebElement uddsandbox;

@FindBy(how = How.XPATH, using = "//button[@class='btn btn-primary btn-block ng-binding ng-isolate-scope']")

public WebElement closebutton;

//Check and create workspace

public void select\_stream() throws InterruptedException

{

System.out.println("Inside select\_stream");

createicon.click();

Thread.sleep(1000);

pmbd.click();

System.out.println(pmbd.getText());

coe.click();

System.out.println(coe.getText());

coegroup.click();

System.out.println(coegroup.getText());

/\*JavascriptExecutor js = (JavascriptExecutor) driver;

js.executeScript("arguments[0].scrolllIntoView(true)", stream);\*/

stream.click();

nextbutton.click();

}

/\*public void selectReference()

{

System.out.println("Inside selectReference ");

release.click();

releaseyear.click();

phase.click();

version.click();

nextbutton.click();

}\*/

public void uddWorkspace(String sWorkspaceName, String sDesc) throws InterruptedException

{

wsname.sendKeys(sWorkspaceName);

desc.sendKeys(sDesc);

uddsandbox.click();

nextbutton.click();

nextbutton.click();

Thread.sleep(3000);

closebutton.click();

}

}

13. Write a Program in proper Test Case format for creating Unit in UDD.[3]

package pageObjects;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.How;

import org.openqa.selenium.support.ui.ExpectedCondition;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;

public class POCreateUnit {

final WebDriver driver;

public POCreateUnit(WebDriver driver)

{

this.driver = driver;

}

//PageFactory Finding locators for workspace

@FindBy(how = How.XPATH, using = "/html[1]/body[1]/main[1]/div[1]/div[6]/img[1]")

public WebElement grpane;

@FindBy(how = How.XPATH, using = "/html[1]/body[1]/main[1]/div[1]/div[5]/div[1]/div[1]/div[2]/div[1]/div[3]/button[1]")

public WebElement createbutton;

@FindBy(how = How.ID, using = "shortName")

public WebElement shortName;

@FindBy(how = How.ID, using = "displayName")

public WebElement displayName;

@FindBy(how = How.ID, using = "longName")

public WebElement longName;

@FindBy(how = How.ID, using = "description")

public WebElement description;

@FindBy(how = How.ID, using = "autosarPath")

public WebElement autosarPath;

@FindBy(how = How.ID, using = "//button[@class='btn btn-primary btn-block ng-isolate-scope']")

public WebElement close;

public void createUnit(String sShortName,String sDesc) throws InterruptedException

{

WebDriverWait wait = new WebDriverWait(driver,30);

wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath("/html[1]/body[1]/main[1]/div[1]/div[6]/img[1]")));

Thread.sleep(10000);

grpane.click();

createbutton.click();

shortName.sendKeys(sShortName);

displayName.sendKeys(sShortName);

description.sendKeys(sDesc);

//longName.click();

close.click();

String path=autosarPath.getText();

System.out.println(path);

}

}

**14. Write a Program in proper Test Case format for Login into UDD with multiple credentials using Dataprovider framework using Apache POI (Excel) . [3]**

**package com.pack.testCases;**

**import org.openqa.selenium.WebDriver;**

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

**import org.testng.annotations.DataProvider;**

**import org.testng.annotations.Parameters;**

**import org.testng.annotations.Test;**

**import com.pack.testBase.TestBase;**

**import pageObjects.POLoginPage;**

**public class TCLoginPage extends TestBase {**

**//@Parameters({"uid","pid"})**

**@Test(dataProvider="multipleLogin")**

**public void userLogin(String uid,String pid)**

**{**

**System.out.println("userLogin");**

**POLoginPage LoginPage = PageFactory.initElements(getDriver(), POLoginPage.class);**

**LoginPage.LogIn\_Action(uid,pid);**

**}**

**@DataProvider(name="multipleLogin")**

**public Object[][] getDataFromDataprovider(){**

**return new Object[][]**

**{**

**{ "abc", "test" },**

**{ "xyz", "demo" },**

**{ "rohitb13", "test" }**

**};**

**}**

**}**