TestNG Negative basic Program

**public** **class** NEWNG {

WebDriver d;

@Test(priority=3)

**public** **void** fvalid() **throws** InterruptedException {

d.findElement(By.*xpath*("//input[@id='txt\_unam']")).sendKeys("sylix");

Thread.*sleep*(5000);

d.findElement(By.*xpath*("//INPUT[@id='txt\_pass']")).sendKeys("admin");

d.findElement(By.*xpath*("//INPUT[@id='Button3']")).click();

Thread.*sleep*(10000);

}

@Test(priority=2)

**public** **void** finvalid() **throws** InterruptedException {

d.findElement(By.*xpath*("//input[@id='txt\_unam']")).sendKeys("sy456");

Thread.*sleep*(5000);

d.findElement(By.*xpath*("//INPUT[@id='txt\_pass']")).sendKeys("12min");

d.findElement(By.*xpath*("//INPUT[@id='Button3']")).click();

Thread.*sleep*(5000);

d.switchTo().alert().accept();

}

@Test(priority=1)

**public** **void** fillegal() **throws** InterruptedException {

d.findElement(By.*xpath*("//input[@id='txt\_unam']")).sendKeys("$ylix");

Thread.*sleep*(5000);

d.findElement(By.*xpath*("//INPUT[@id='txt\_pass']")).sendKeys("@dmin");

d.findElement(By.*xpath*("//INPUT[@id='Button3']")).click();

Thread.*sleep*(5000);

d.switchTo().alert().accept();

}

@Test(enabled=**false**)

**public** **void** fnull() **throws** InterruptedException {

d.findElement(By.*xpath*("//input[@id='txt\_unam']")).sendKeys(" ");

Thread.*sleep*(5000);

d.findElement(By.*xpath*("//INPUT[@id='txt\_pass']")).sendKeys(" ");

d.findElement(By.*xpath*("//INPUT[@id='Button3']")).click();

Thread.*sleep*(5000);

d.switchTo().alert().accept();

}

@BeforeClass

**public** **void** beforeClass() **throws** InterruptedException {

System.*setProperty*("webdriver.chrome.driver", "C:\\Chrome new\\chromedriver.exe");

d=**new** ChromeDriver();

d.get("http://brm.tremplintech.in/web\_pages/login.aspx");

Thread.*sleep*(5000);

d.manage().window().maximize();

}

@AfterClass

**public** **void** afterClass() {

d.close();

}

}

TestNG with Data Driven Positive and Negative Program

**public** **class** TNGDD {

WebDriver d;

String XLpath="C:\\Users\\Admin\\Desktop\\ddtng.xls";

String pathv="C:\\Users\\Admin\\Desktop\\ddtngv.xls";

String pathv="C:\\Users\\Admin\\Desktop\\ddtngin.xls";

String pathill="C:\\Users\\Admin\\Desktop\\ddtngill.xls";

String pathn="C:\\Users\\Admin\\Desktop\\ddtngn.xls";

@Test(priority=3)

**public** **void** fvalid() **throws** BiffException, IOException, InterruptedException {

FileInputStream f= **new** FileInputStream(pathv);

Workbook b=Workbook.*getWorkbook*(f);

Sheet s = b.getSheet(0);

//int rowcount =s.getRows();

**for**(**int** i=1; i<4; i++){

String username= s.getCell(0, i).getContents();

String password=s.getCell(1, i).getContents();

//String cid=s.getCell(2, i).getContents();

//String pid=s.getCell(3,i).getContents();

//String cname=s.getCell(4, i).getContents();

d.findElement(By.*xpath*("//\*[@id=\"txt\_unam\"]")).sendKeys(username);

d.findElement(By.*xpath*("//\*[@id='txt\_pass']")).sendKeys(password);

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

Thread.*sleep*(5000);

d.findElement(By.*xpath*("//\*[@id=\"LinkButton1\"]")).click();

}

}

@Test(priority=4)

**void** finvalid() **throws** BiffException, IOException, InterruptedException {

FileInputStream f= **new** FileInputStream(pathv);

Workbook b=Workbook.*getWorkbook*(f);

Sheet s = b.getSheet(1);

//int rowcount =s.getRows();

**for**(**int** i=4; i<6; i++){

String username= s.getCell(0, i).getContents();

String password=s.getCell(1, i).getContents();

d.findElement(By.*xpath*("//\*[@id=\"txt\_unam\"]")).sendKeys(username);

d.findElement(By.*xpath*("//\*[@id='txt\_pass']")).sendKeys(password);

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

Thread.*sleep*(5000);

d.switchTo().alert().accept();

}

}

@Test(priority=5)

**void** fillegal() **throws** BiffException, IOException, InterruptedException {

FileInputStream f= **new** FileInputStream(pathill);

Workbook b=Workbook.*getWorkbook*(f);

Sheet s = b.getSheet(2);

//int rowcount =s.getRows();

**for**(**int** i=6; i<9; i++){

String username= s.getCell(0, i).getContents();

String password=s.getCell(1, i).getContents();

d.findElement(By.*xpath*("//\*[@id=\"txt\_unam\"]")).sendKeys(username);

d.findElement(By.*xpath*("//\*[@id='txt\_pass']")).sendKeys(password);

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

Thread.*sleep*(5000);

d.switchTo().alert().accept();

}

}

@Test (enabled=**false**)

**void** fnull() **throws** BiffException, IOException {

FileInputStream f= **new** FileInputStream(pathn);

Workbook b=Workbook.*getWorkbook*(f);

Sheet s = b.getSheet(3);

//int rowcount =s.getRows();

**for**(**int** i=9; i<12; i++){

String username= s.getCell(0, i).getContents();

String password=s.getCell(1, i).getContents();

d.findElement(By.*xpath*("//\*[@id=\"txt\_unam\"]")).sendKeys(username);

d.findElement(By.*xpath*("//\*[@id='txt\_pass']")).sendKeys(password);

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

d.switchTo().alert().accept();

}

}

@BeforeClass

**public** **void** beforeClass() **throws** InterruptedException {

System.*setProperty*("webdriver.chrome.driver","C:\\chrome driver\\chromedriver.exe");

d=**new** ChromeDriver();

d.get("http://brm.tremplintech.in/web\_pages/login.aspx");

Thread.*sleep*(5000);

}

@AfterClass

**public** **void** afterClass() **throws** InterruptedException {

Thread.*sleep*(5000);

d.close();

}

}

TestNG Customer Management Automation with Positive and Negative Testing:

**public** **class** TNGSEL {

WebDriver d;

@Test

**public** **void** fvalid() **throws** InterruptedException {

d.findElement(By.*xpath*("//\*[@id=\"hmenu\"]/ul/li[2]/a")).click();

Thread.*sleep*(5000);

d.findElement(By.*name*("ctl00$ContentPlaceHolder1$txt\_compname")).sendKeys("ML Management");

Select state=**new** Select(d.findElement(By.*name*("ctl00$ContentPlaceHolder1$ddl\_state")));

state.selectByIndex(16);

d.findElement(By.*id*("ContentPlaceHolder1\_txt\_compmbl")).sendKeys("9150571093");

d.findElement(By.*id*("ContentPlaceHolder1\_txt\_compemail")).sendKeys("sarathivbs@gmail.com");

}

@Test

**public** **void** finvalid() **throws** InterruptedException {

d.findElement(By.*xpath*("//\*[@id=\"hmenu\"]/ul/li[2]/a")).click();

Thread.*sleep*(5000);

d.findElement(By.*name*("ctl00$ContentPlaceHolder1$txt\_compname")).sendKeys("a22ns");

Select state=**new** Select(d.findElement(By.*name*("ctl00$ContentPlaceHolder1$ddl\_state")));

state.selectByVisibleText("tamilnadu");

d.findElement(By.*id*("ContentPlaceHolder1\_txt\_compmbl")).sendKeys("9150571O9");

d.findElement(By.*id*("ContentPlaceHolder1\_txt\_compemail")).sendKeys("sarathivbs");

}

@Test

**public** **void** fillegal() **throws** InterruptedException {

d.findElement(By.*xpath*("//\*[@id=\"hmenu\"]/ul/li[2]/a")).click();

Thread.*sleep*(5000);

d.findElement(By.*name*("ctl00$ContentPlaceHolder1$txt\_compname")).sendKeys("$%%$$");

Select state=**new** Select(d.findElement(By.*name*("ctl00$ContentPlaceHolder1$ddl\_state")));

state.selectByValue("KEL!@#");

d.findElement(By.*id*("ContentPlaceHolder1\_txt\_compmbl")).sendKeys("9150571\*9");

d.findElement(By.*id*("ContentPlaceHolder1\_txt\_compemail")).sendKeys(".sarathivbs@gmail.com");

}

@Test

**public** **void** fnull() **throws** InterruptedException {

d.findElement(By.*xpath*("//\*[@id=\"hmenu\"]/ul/li[2]/a")).click();

Thread.*sleep*(5000);

d.findElement(By.*name*("ctl00$ContentPlaceHolder1$txt\_compname")).sendKeys(" ");

Select state=**new** Select(d.findElement(By.*name*("ctl00$ContentPlaceHolder1$ddl\_state")));

state.selectByValue(" ");

d.findElement(By.*id*("ContentPlaceHolder1\_txt\_compmbl")).sendKeys(" ");

d.findElement(By.*id*("ContentPlaceHolder1\_txt\_compemail")).sendKeys(" ");

}

@BeforeClass

**public** **void** beforeClass() **throws** InterruptedException {

System.*setProperty*("webdriver.chrome.driver", "C:\\chrome driver\\chromedriver.exe");

d =**new** ChromeDriver();

d.get("http://brm.tremplintech.in/");

Thread.*sleep*(9000);

d.manage().window().maximize();

d.findElement(By.*id*("txt\_unam")).sendKeys("sylix");

d.findElement(By.*name*("txt\_pass")).sendKeys("admin");

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

}

@AfterClass

**public** **void** afterClass() {

d.close();

}

}

TestNG Inheritance:

First Main class:

**public** **class** TNGClass {

WebDriver d;

@Test(priority=1)

**public** **void** fvalid() **throws** InterruptedException {

d.get("http://brm.tremplintech.in/web\_pages/place.aspx");

Thread.*sleep*(5000);

d.get("http://brm.tremplintech.in/web\_pages/Dispatch.aspx");

/\* d.findElement(By.id("txt\_unam")).sendKeys("sylix");

d.findElement(By.id("txt\_pass")).sendKeys("admin");

d.findElement(By.xpath("//\*[@id=\"Button3\"]")).click();

Thread.sleep(5000);

d.findElement(By.xpath("//\*[@id=\"LinkButton1\"]")).click();

Thread.sleep(5000);\*/

}

@Test(priority=3)

**public** **void** finvalid() **throws** InterruptedException {

d.findElement(By.*id*("txt\_unam")).sendKeys("sylix123");

d.findElement(By.*id*("txt\_pass")).sendKeys("admi146");

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

d.switchTo().alert().accept();

Thread.*sleep*(5000);

}

@Test(priority=5)

**public** **void** fillegal() **throws** InterruptedException {

d.findElement(By.*id*("txt\_unam")).sendKeys("@$#%$#");

d.findElement(By.*id*("txt\_pass")).sendKeys("(\*&(\*");

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

Thread.*sleep*(5000);

d.switchTo().alert().accept();

d.findElement(By.*xpath*("//\*[@id=\"LinkButton1\"]")).click();

}

@Test(enabled=**true**)

**public** **void** fnull() **throws** InterruptedException {

d.findElement(By.*id*("txt\_unam")).sendKeys(" ");

d.findElement(By.*id*("txt\_pass")).sendKeys(" ");

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

Thread.*sleep*(5000);

d.switchTo().alert().accept();

d.findElement(By.*xpath*("//\*[@id=\"LinkButton1\"]")).click();

}

@BeforeMethod

**public** **void** beforeClass() **throws** InterruptedException {

System.*setProperty*("webdriver.chrome.driver","C:\\chrome driver\\chromedriver.exe");

d=**new** ChromeDriver();

d.get("http://brm.tremplintech.in/web\_pages/login.aspx");

Thread.*sleep*(5000);

d.manage().window().maximize();

}

@AfterMethod

**public** **void** afterClass() **throws** InterruptedException {

Thread.*sleep*(5000);

d.close();

}

}

Second class and it inherit first class:

**public** **class** inNG **extends** TNGClass {

@Test(priority=0)

**public** **void** finvalid2() **throws** InterruptedException {

d.findElement(By.*id*("txt\_unam")).sendKeys("sarathi");

Thread.*sleep*(5000);

d.findElement(By.*id*("txt\_pass")).sendKeys("tester");

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

Thread.*sleep*(15000);

//d.findElement(By.xpath("//\*[@id=\"LinkButton1\"]")).click();

}

@Test(priority=2)

**public** **void** fillegal1() **throws** InterruptedException {

d.findElement(By.*id*("txt\_unam")).sendKeys("2222222");

d.findElement(By.*id*("txt\_pass")).sendKeys("(\*&(\*");

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

Thread.*sleep*(5000);

d.switchTo().alert().accept();

d.findElement(By.*xpath*("//\*[@id=\"LinkButton1\"]")).click();

}

@Test(priority=4)

**public** **void** fnull1() **throws** InterruptedException {

d.findElement(By.*id*("txt\_unam")).sendKeys("444444 ");

d.findElement(By.*id*("txt\_pass")).sendKeys(" ");

d.findElement(By.*xpath*("//\*[@id=\"Button3\"]")).click();

Thread.*sleep*(5000);

d.switchTo().alert().accept();

d.findElement(By.*xpath*("//\*[@id=\"LinkButton1\"]")).click();

}

}