<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">

<suite name="Suite" parallel="tests" thread-count="3">

<test name="Registraton">

<classes>

<class name="parall.Register"/>

</classes>

</test>

<test name="login">

<classes>

<class name="parall.Login"/>

</classes>

</test>

<test name="search">

<classes>

OUtPUt🡪

[RemoteTestNG] detected TestNG version 6.11.0

>>>>>>>>Register => requistewithonMymtheofei>>>>>>15

search=> searchavaclidpri>>>>>>>>>>>>>>>17

Login=>loginwith credentials>>>>>>>>>>>>16

Login=>loginwith pasword>>>>>>>>>>>>>>>>16

search=> detaisls>>>>>>>>>>>>>>>>>17

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>15

Login=>loginwith loginwithivnalipassworwId16

Login=>loginwith invalcredentials>>>>>>>>>>>>>16

search=> procut>>>>>>>>>>>>>>>>>>>17

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>16

Regist=>regiserADuplicateAccount15

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>15

<class name="parall.Search"/>

</classes>

</test>

</suite>

2.<suite name="Suite">

<test name="Registraton" parallel="tests" thread-count="3">

<classes>

<class name="parall.Register"/>

</classes>

</test>

<test name="login">

<classes>

<class name="parall.Login"/>

</classes>

</test>

<test name="search">

<classes>

<class name="parall.Search"/>

</classes>

</test>

</suite>

[RemoteTestNG] detected TestNG version 6.11.0

>>>>>>>>Register => requistewithonMymtheofei>>>>>>1

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>1

Regist=>regiserADuplicateAccount1

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>1

Login=>loginwith credentials>>>>>>>>>>>>1

Login=>loginwith pasword>>>>>>>>>>>>>>>>1

Login=>loginwith loginwithivnalipassworwId1

Login=>loginwith invalcredentials>>>>>>>>>>>>>1

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>1

search=> searchavaclidpri>>>>>>>>>>>>>>>1

search=> detaisls>>>>>>>>>>>>>>>>>1

search=> procut>>>>>>>>>>>>>>>>>>>1

PARALLE=CLASS

<suite name="Suite" parallel="classes" thread-count="3">

<test name="test One" >

<classes>

<class name="parall.Login"/>

<class name="parall.Register"/>

<class name="parall.Search"/>

</classes>

</test>

</suite>

[RemoteTestNG] detected TestNG version 6.11.0

>>>>>>>>Register => requistewithonMymtheofei>>>>>>16

Login=>loginwith credentials>>>>>>>>>>>>15

search=> searchavaclidpri>>>>>>>>>>>>>>>17

Login=>loginwith pasword>>>>>>>>>>>>>>>>16

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>17

Login=>loginwith loginwithivnalipassworwId16

search=> detaisls>>>>>>>>>>>>>>>>>15

Regist=>regiserADuplicateAccount16

search=> procut>>>>>>>>>>>>>>>>>>>17

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>16

Login=>loginwith invalcredentials>>>>>>>>>>>>>15

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>15

<suite name="Suite" parallel="classes" thread-count="3">

<test name="test One" >

<classes>

<class name="parall.Login"/>

<class name="parall.Register"/>

</classes>

</test>

<test name="test two" >

<classes>

<class name="parall.Search"/>

</classes>

</test>

</suite>

[RemoteTestNG] detected TestNG version 6.11.0

>>>>>>>>Register => requistewithonMymtheofei>>>>>>16

Login=>loginwith credentials>>>>>>>>>>>>15

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>16

Login=>loginwith loginwithivnalipassworwId15

Login=>loginwith pasword>>>>>>>>>>>>>>>>17

Login=>loginwith invalcredentials>>>>>>>>>>>>>17

Regist=>regiserADuplicateAccount16

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>17

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>15

search=> searchavaclidpri>>>>>>>>>>>>>>>18

search=> detaisls>>>>>>>>>>>>>>>>>19

search=> procut>>>>>>>>>>>>>>>>>>>20

PARALLEL=METHODS

<suite name="Suite" parallel="methods" thread-count="10">

<test name="test One" >

<classes>

<class name="parall.Login"/>

<class name="parall.Register"/>

<class name="parall.Search"/>

</classes>

</test>

</suite>

[RemoteTestNG] detected TestNG version 6.11.0

search=> searchavaclidpri>>>>>>>>>>>>>>>17

>>>>>>>>Register => requistewithonMymtheofei>>>>>>16

Login=>loginwith credentials>>>>>>>>>>>>15

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>15

Login=>loginwith pasword>>>>>>>>>>>>>>>>18

search=> detaisls>>>>>>>>>>>>>>>>>20

Regist=>regiserADuplicateAccount22

Login=>loginwith loginwithivnalipassworwId21

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>19

Login=>loginwith invalcredentials>>>>>>>>>>>>>24

search=> procut>>>>>>>>>>>>>>>>>>>23

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>15

**MALTPLE TEST TAGS BUT ONLY FEW TEST TAGS ENABLE FOR PARELLEL EXCETION**

<suite name="Suite">

<test name="test One" parallel="classes" thread-count="2" >

<classes>

<class name="parall.Login"/>

<class name="parall.Register"/>

<class name="parall.Search"/>

</classes>

</test>

<test name="test TWO" >

<classes>

<class name="parall.Search"/>

</classes>

</test>

</suite>

[RemoteTestNG] detected TestNG version 6.11.0

>>>>>>>>Register => requistewithonMymtheofei>>>>>>16

Login=>loginwith credentials>>>>>>>>>>>>15

Login=>loginwith pasword>>>>>>>>>>>>>>>>15

search=> searchavaclidpri>>>>>>>>>>>>>>>16

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>15

Login=>loginwith loginwithivnalipassworwId15

search=> detaisls>>>>>>>>>>>>>>>>>16

Regist=>regiserADuplicateAccount16

search=> procut>>>>>>>>>>>>>>>>>>>16

Login=>loginwith invalcredentials>>>>>>>>>>>>>16

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>16

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>15

search=> searchavaclidpri>>>>>>>>>>>>>>>1

search=> detaisls>>>>>>>>>>>>>>>>>1

search=> procut>>>>>>>>>>>>>>>>>>>1

<suite name="Suite">

<test name="test One" parallel="methods" thread-count="5" >

<classes>

<class name="parall.Login"/>

<class name="parall.Register"/>

<class name="parall.Search"/>

</classes>

</test>

<test name="test TWO" >

<classes>

<class name="parall.Search"/>

</classes>

</test>

</suite>

[RemoteTestNG] detected TestNG version 6.11.0

search=> searchavaclidpri>>>>>>>>>>>>>>>17

>>>>>>>>Register => requistewithonMymtheofei>>>>>>16

Login=>loginwith credentials>>>>>>>>>>>>15

Login=>loginwith loginwithivnalipassworwId16

search=> detaisls>>>>>>>>>>>>>>>>>17

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>19

Login=>loginwith pasword>>>>>>>>>>>>>>>>18

search=> procut>>>>>>>>>>>>>>>>>>>16

Regist=>regiserADuplicateAccount15

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>19

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>18

Login=>loginwith invalcredentials>>>>>>>>>>>>>16

search=> searchavaclidpri>>>>>>>>>>>>>>>1

search=> detaisls>>>>>>>>>>>>>>>>>1

search=> procut>>>>>>>>>>>>>>>>>>>1

**PARALLEL=”NONE”**

<suite name="Suite" parallel="none" thread-count="5" >

<test name="test One" >

<classes>

<class name="parall.Login"/>

<class name="parall.Register"/>

<class name="parall.Search"/>

</classes>

</test>

<test name="test TWO" >

<classes>

<class name="parall.Search"/>

</classes>

</test>

</suite>

PARALLEL=”FALSE”

<suite name="Suite" parallel="false" thread-count="2" >

<test name="test One" >

<classes>

<class name="parall.Login"/>

<class name="parall.Register"/>

<class name="parall.Search"/>

</classes>

</test>

<test name="test TWO" >

<classes>

<class name="parall.Search"/>

</classes>

</test>

</suite>

[RemoteTestNG] detected TestNG version 6.11.0

Login=>loginwith credentials>>>>>>>>>>>>1

>>>>>>>>Register => requistewithonMymtheofei>>>>>>1

search=> searchavaclidpri>>>>>>>>>>>>>>>1

Login=>loginwith pasword>>>>>>>>>>>>>>>>1

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>1

search=> detaisls>>>>>>>>>>>>>>>>>1

Login=>loginwith loginwithivnalipassworwId1

Regist=>regiserADuplicateAccount1

search=> procut>>>>>>>>>>>>>>>>>>>1

Login=>loginwith invalcredentials>>>>>>>>>>>>>1

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>1

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>1

search=> searchavaclidpri>>>>>>>>>>>>>>>1

search=> detaisls>>>>>>>>>>>>>>>>>1

[RemoteTestNG] detected TestNG version 6.11.0

Login=>loginwith credentials>>>>>>>>>>>>1

>>>>>>>>Register => requistewithonMymtheofei>>>>>>1

search=> searchavaclidpri>>>>>>>>>>>>>>>1

Login=>loginwith pasword>>>>>>>>>>>>>>>>1

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>1

search=> detaisls>>>>>>>>>>>>>>>>>1

Login=>loginwith loginwithivnalipassworwId1

Regist=>regiserADuplicateAccount1

search=> procut>>>>>>>>>>>>>>>>>>>1

Login=>loginwith invalcredentials>>>>>>>>>>>>>1

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>1

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>1

search=> searchavaclidpri>>>>>>>>>>>>>>>1

search=> detaisls>>>>>>>>>>>>>>>>>1

search=> procut>>>>>>>>>>>>>>>>>>>1

**PARALLE=”TESTS” BUT thread-count=”1”**

**Nagitive thread-count=”-1”-🡪illigal exception in console**

More thread counts les number of tests tags

Parallel =”classes “ or Parallel=”methods”----🡪

<suite name="Suite" parallel="classes" thread-count="2" >

<test name="test One" >

<classes>

<class name="parall.Login"/>

<class name="parall.Register"/>

<class name="parall.Search"/>

</classes>

</test>

<test name="test TWO" >

<classes>

<class name="parall.Search"/>

</classes>

</test>

</suite>

[RemoteTestNG] detected TestNG version 6.11.0

Login=>loginwith credentials>>>>>>>>>>>>15

>>>>>>>>Register => requistewithonMymtheofei>>>>>>16

search=> searchavaclidpri>>>>>>>>>>>>>>>16

Login=>loginwith pasword>>>>>>>>>>>>>>>>15

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>16

Login=>loginwith loginwithivnalipassworwId16

search=> detaisls>>>>>>>>>>>>>>>>>15

Regist=>regiserADuplicateAccount16

search=> procut>>>>>>>>>>>>>>>>>>>15

Login=>loginwith invalcredentials>>>>>>>>>>>>>16

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>15

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>15

search=> searchavaclidpri>>>>>>>>>>>>>>>17

search=> detaisls>>>>>>>>>>>>>>>>>18

search=> procut>>>>>>>>>>>>>>>>>>>18

Interview Question:-Default Count specified is ==5

When parallel attribute mentioned

<suite name="Suite" parallel="classes" >

<test name="test One" >

<classes>

<class name="parall.Login"/>

<class name="parall.Register"/>

<class name="parall.Search"/>

</classes>

</test>

<test name="test TWO" >

<classes>

<class name="parall.Search"/>

</classes>

</test>

</suite>

[RemoteTestNG] detected TestNG version 6.11.0

search=> searchavaclidpri>>>>>>>>>>>>>>>17

Login=>loginwith credentials>>>>>>>>>>>>15

>>>>>>>>Register => requistewithonMymtheofei>>>>>>16

Login=>loginwith loginwithivnalipassworwId17

Regist=>regiserADuplicateAccount16

search=> detaisls>>>>>>>>>>>>>>>>>15

regs =?regiwith allfeidls>>>>>>>>>>>>>>>>19

Login=>loginwith pasword>>>>>>>>>>>>>>>>18

Login=>loginwith invalcredentials>>>>>>>>>>>>>18

search=> procut>>>>>>>>>>>>>>>>>>>16

Login=>loginwith loginwithivnalipassworwId>>>>>>>>>>>>18

Register=>regisrerwithinvalid details>>>>>>>>>>>>>>>>>17

search=> searchavaclidpri>>>>>>>>>>>>>>>20

search=> detaisls>>>>>>>>>>>>>>>>>21

search=> procut>>>>>>>>>>>>>>>>>>>22

Invocation Count:-@Test(invocationCount=5)

<https://www.calculator.net/random-number-generator.html>

@Test(invocationCount = 10)

**public** **void** printRandomNumberTest() {

WebDriverManager.*chromedriver*().setup();

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

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

driver.get("https://www.calculator.net/random-number-generator.html");

driver.findElement(By.*name*("x")).click();

WebElement random= driver.findElement(By.*xpath*("//p[@class='verybigtext']"));

System.***out***.println(random);

driver.quit();

}

Invocation Time Out Attribue:- @Test(invocationCount=5,invocationTimeOut=1000)

@Test(invocationCount =5,invocationTimeOut = 1000)

**public** **void** printRandomNumberTest() {

WebDriverManager.*chromedriver*().setup();

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

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

driver.get("https://www.calculator.net/random-number-generator.html");

driver.findElement(By.*name*("x")).click();

WebElement random= driver.findElement(By.*xpath*("//p[@class='verybigtext']"));

System.***out***.println(random);

driver.quit();

}

ThreadPOosizeAttriute:-@Test(invocationCount=5,threadPoolSize=2)

Listerners:-

1.listern to events like ,ending ,Success,Failure,Skip,etc…

2.listerner are interfaces from where we ca override

Different predefined Interfaces Listeners methods total 20 listeners are there

1.ITestListner

IAnnotation transforma2> IInvokedMethodListerner3> ISutie Listener 4> IReporser 5>IConfigurable 6> IExecutionListener 7>

IHOOkable 8> IMehtodInterceptor 9> Iconfiguaration Listener 10> and many more