1 : Framework interview Question

1. What is framework , Explain types of framework
2. Which framework you have used& WHY?
3. Explain framework, with components
4. What is the Role of Automation in YOUR PROJECT
5. What is the advantages of the Framework/ benefits of framework
   1. Reusable componenets like object repo , generic lib , test data
   2. Test development is faster and execution is easier
   3. Maintaince of test data is easier
   4. Code optimization
   5. Modification of xapth is easier , becoz of POM
   6. Cross browser testing is easier
   7. Customize reports
   8. Listener concept is available to take a screenshot
   9. Running test with other credential is easier by changing username/password
   10. Maven dependencies will take care of get all jars from internet
   11. Jenkins provide remote execution
6. What is POM design pattern , explain POM design pattern rules

## How MANY PAGE CLASS you created

1. **How many modules you worked on**

**3 modules – around 250 text case I have automated**

1. What is the advantages of POM object repository
   1. Maintenance of xpath is easier
   2. Reusability of webelement
   3. Business libraries will optimize the test development
   4. Avoid duplicate locators
   5. Well organized design technique maintained in Page level
2. Write a Program to store object in POM , & how to access object from POM
3. Write a Program to read the data form Excel
4. How do we handle **reporting** in your framework Extend repoter
5. Any custom report you used in framework
6. What is data driven testing
7. How to achieve data driven testing Apache POI
8. Why do you get the data from Excel why not Data Base or other File Excel is userfriendly
9. How to run same test with multiple test data @data provider
10. Where do you use Polymorphism in your framework Explain browser class
11. Where do you use Up casting in your framework Webdriver driver = new FirefoxDriver
12. Where do we use inheritance in selenium framework Class test extends baseConfigClass{

}

1. Where do we use Abstraction in selenium framework Class SampleListner implemenets ItestListner{

}

1. Where do we use Encapsulation in selenium framework
2. Where do we use Overriding in selenium framework Class SampleListner implemenets ItestListner{

Public void ontestFailure(){ Take screenshot

}

## }

1. Where do we use OverLoading in selenium framework

Class CrteateContact extends baseConfigClass{ createConatct(String firstNAme, String lastNAme){

}

createConatct(String firstNAme, String lastNAme, String addres){

}

}

1. Why your framework is hybrid , why not other framework?

Because my project is having many modules which also required test data to test the scenarios

1. What is your role in selenium framework / contribution in framework
   1. Few page class we implemented
   2. Few business I have created
   3. I have implemented Extend Reporting in my framework
   4. I have implemented few gereric mtds like waitforPageToLoad, waitForElement
   5. Implemetd Report back-Up facilities
2. What your accomplishment
3. With out framework , what is the challenges
4. Difference between @findBy & @findBYs , @findAll Class Home{

@FinBy(xpath=”//a[text()=’Contact’]”)

Weblement contactLink //identify Single Element @findBys( {@findBy(xpath=”//a”)})

List<WebElemnets> lstLink; //identify the multiple Elements similar type of element type

}

1. Difference between @findBy & findelement()

|  |  |
| --- | --- |
| @findBy | findElement |
| @findBy is annotation available in Selenium | is a method available in WebDriver |
| used in POM design pattren to store element | used in Web driver normal test operation |
| used in identify the element based on 8 locator | used in identify the element based on 8  locator |
| executed at the time of object creatrion using  pageFoctory | excuted at the time RUNTIME |

1. What suggestion you give your FrameWork
   1. SVN we are using currently , better we would have GIT-HUB
   2. Getting data from Excel is slower , we would have used .properties
   3. Report backUP was my suggestion
   4. Taking screenshot in html Report itself was my suggestion
2. Explain list Selenium Excpecption you faced in Real Time NoSuchElement

StaleElement excelption ElementNotVisible IllegalState Exception

NoSuchWindowException

TimeOut BrowserNotconnected

TestNG interview Questions

1. What is TestNG , why it is required

Ans : Unit testing framework Tool , used for parallel , grouping , parallel execution , Assertion , HTML mREport

1. With OUT TESTNG , what all the challenges you faced
2. Why TestNG , Why not JUNIT
   1. Additional annotation
   2. HTMl reporting
   3. Grouping
   4. Parameterziation
   5. Support both java , .net
   6. Parallel execution
3. What is Annotation, explain all the annotation with real time EG: @beforeClass // global config like Launch browser @AfterClass // close browser

@beforeMethod //login @AfterMEthod //logout

@test //actual test script