

### 37. What does the test timeout mean in testing?

- The maximum number of milliseconds a test case should take

```
@Test1(threadPoolSize=3,invocationCount=10,timeOut=10000)
public void test() {}
```

- : // in this example: the function test1 will be invoked ten times from three different threads, Additionally, a time-out of ten seconds guarantees that none of the threads will block on this thread forever.

### 38. What are @Factory and @DataProvider annotation?

- @Factory → executes all the test methods present inside a test class using a separate instance of the class with different set of data
- @DataProvider → a test method that uses dataProvider will be executed the specific methods multiple number of times based on the data provided by the dataProvider.

### 39. annotations - priority

- Doesn't matter what number you start Ex: @Test(priority=0)
- DependsOnMethods = "test method name" You Can add multiple test names
- If the first one fails, the 2nd test won't run at all
- If the first method failed, your report will show that the 2nd test will be skipped

### 40. parallel execution in testNG

- In xml file write.
  - parallel="tests"thread-count="4"
- Thread-count is how many browsers you want to open same time
- In xml file you can add .\* to run everything
  - Ex:<package name=".\*"></package>
- TestNG has its own reports -When you run xml, it gives you the report in test-output folder
- Contains the test report in html

### 41. Framework Tools : Cucumber BDD framework

- Junit, Cucumber Java, Maven
- Selenium, HTML reporting with screenshots Log4j,
- JDBC, Rest Assured, Apache POI, Git, Jenkins

### 42. Framework Tools: TestNG + Selenium

- Java, Maven, TestNG,
- Selenium, Extend Reports with screenshots Log4J,
- JDBC, Rest Assured, Apache POI, Git, Jenkins

### 43. How does your framework generate reports?

- Our Cucumber BDD framework generates HTML reports.
- The report shows the pass/fail coverage for feature files, tags, steps
- The report contains all the steps for each test The report has screenshots for failures

### 44. How to run tests selectively cucumber?

- tags keyword the cukesrunner
- feature keyword the cukesrunner
- tags and features can also be passed using the command line
- mvn test -Dcucumber.options="--tag @smoke"