http://toolsqa.com/selenium-webdriver/data-driven-testing-excel-poi/

what is the use of framework in automation testing::

 If there is change to any testcase  then only the test case file needs to be updated  there is no need to update the scripts in case of changes to the application.

* what are things u consider/keep in framework ::
* different types of frameworks we have in selenium/qtp::

[Data-driven testing](https://en.wikipedia.org/wiki/Data-driven_testing)

[Modularity-driven testing](https://en.wikipedia.org/wiki/Modularity-driven_testing)

[Keyword-driven testing](https://en.wikipedia.org/wiki/Keyword-driven_testing)

[Hybrid testing](https://en.wikipedia.org/wiki/Hybrid_testing)

[Model-based testing](https://en.wikipedia.org/wiki/Model-based_testing)

Code-driven testing

[Behavior driven development](https://en.wikipedia.org/wiki/Behavior_driven_development)

* what is data driven frame work and when do we use it?::

**it is nothing but data driven test, performing the same functionality with multiple input values by using parametarization with the help of data table or data souce is called Data Driven Test**

the tester supplies the inputs from a row in the table and expects the outputs which occur in the same row. The table typically contains values which correspond to boundary or partition input spaces. In the control methodology, test configuration is "read" from a database.

* what is keyword frame work and when do we use it?

A Keyword or Action Word is a defined combination of actions on a test object which describes how test lines must be executed. An action word contains arguments and is defined by a test analyst.

t is nothing but keyword driven test or keyword view, used for parametarization.

It is dividing into 4 parts.

1. item     2. operation     3. value      4. documentation     ----> in QTP 8.2

In QTP 6.5 keyword view is nothing but Tree View. It displays the list of objects along with logical names.

* what is hybrid framework and when do we use it

This allows information given to be cross checked against existing and confirmed information. This helps to prevent false or misleading information being posted

* what is POM and modular framework::
* what is testng and junit?
* writing unit test cases with testng
* what are important elements in testng.xml
* what are different annotations in testng and junit
* what is group and suite and parallel execution in testng
* how to decide which test cases needs to be automated
* what are the steps in automation testing or when do we automation testing?
* Ans: write manual test cases (if they are not there)
  + out of all manual test cases we will pick test cases that are of regression testing
    - (test cases that needs to be executed)
  + put all positive scenarios in regression
  + we dont put any UI related changes in regression testing
* 15) what is the use of dataprovider annotation
* 16) Difference between junit and testng
* 17) how to generate reports using testng