**UFT/QTP**

**QTP:**

1. QuickTest Professional, a product of Hewlett Packard (HP). This tool helps testers to perform an automated functional testing seamlessly, without monitoring, once script development is complete.

2. HP QTP uses Visual Basic Scripting (VBScript) for automating the applications.

3. new version of HP QTP is being called HP Unified Functional Testing 11.5

**UFT (latest version - 12.53)**

Unified Functional Testing (UFT) software, formerly known as HP QuickTest Professional (QTP), provides functional and regression test automation

**diff**

QTP to test different kinds of applications like web, .net, java, mainframe, peoplesoft.

selenium - web application only

**Data driven:**

Data Driven is an automation testing part in which test input or output values, these values are read from data files. It is performed when the values are changing by the time. The different data files may include data pools. The data is then loaded into variables in recorded or manually coded scripts. In QTP to perform the data to drive the test, we use the parameterization process. When we do data-driven test, we perform two extra steps:

Converting the test to a data-driven test.

Creating a corresponding data table.

**Parameterization:**

It is the process of making use of different values in place of recorded values which is replaced by variable which contains different values that can be used during the execution of the scripts. QTP enable us with different type of Parameterization, passing of data:

**Using Loop statement.**

Dynamically test data submission

Using data table.

Fetching data from external files.

Fetching data from databases.

By taking test data front end(GUI)

Parameterizing tests is referred as replacement of fixed values with parameters, when converting the test into data driven tests.

In QTP, in order to test the same operation with different values, parameters can be passed. When parameters are sepcifed, the fixed values of the test are replaced by the parameters.

**checkpoint:**

Checkpoint is a point where QTP current value or property of the object with the expected value or property of the object. When we insert the check point in the test, then in keyword view checkpoint is added in front of current row and in expert view a checkpoint statement is added. QTP enable us with following types of check point:

Standard Checkpoint: check properties of objects like button, combo boxes, list etc.

Image Checkpoint: check value of an image

Bitmap Checkpoint: check image zooming capability.

Table Checkpoint: check information of a table.

Text Checkpoint: check text is displayed on correct place.

Text Area Checkpoint: check text is displayed in specific area.

Accessibility Checkpoint: used to determine website which is not as per W3C guidelines.

Page Checkpoint: checks properties of the webpage.

Database Checkpoint: check content of database

XML Checkpoint: check XML content.

**VB Script:**

**What is VBScript?**

VBScript is a client-side scripting language like JavaScript.

VB Script stands for Visual Basic Script and it is a light version of Microsoft Visual Basic.

The syntax of VBScript is very similar to that of Visual Basic.

VBScript was developed by Microsoft with the intention of developing dynamic web pages.

**Creation:**

<html>

<head>

<title>My First VBScript Code!!!</title>

</head>

<body>

<script type="text/vbscript">

document.write("Yes!!! I have started learning VBScript.")

</script>

</body>

</html>