**Check points**

A checkpoint is a verification point that compares the current value with the expected value for specified properties of an Object. If they current and expected value match it generates a PASS status otherwise FAIL status}

**There are many types of checkpoints** detialed below

1. **Standard checkpoints:** It compares the expected values of object properties captured during recording to the **object's current values**during a run session
2. **Page Checkpoint** : A Standard Checkpoint created for a web page can be called a Page Checkpoint.  It is used to check total number of links & images on a web page. Page Checkpoints can be used to check Load Time i.e. time taken to load a web page.
3. **Bitmap Checkpoint** helps a user in checking the bitmap of an image or a full web page. It does a pixel by pixel comparison between actual and expected images.
4. **Image Checkpoint** enable you to check properties like source file location of a web image. Unlike , Bitmap Checkpoint  you can not check pixels(bitmaps) using image checkpoint.
5. **Text Checkpoint** is Used to check expected text in a web-page or application. This text could be from a specific region of the application or a small portion of text displayed
6. **Accessibility Checkpoints** verifies compliance with World Wide Web Consortium (W3C)  instructions and guidelines for Web-based technology and information systems. These Guidelines make it easy for disabled to access the web.
7. **Database Checkpoints** create  a query  during record time and database values are stored as expected values. Same query is executed during run time and actual & expected values are compared.
8. In **Table Checkpoint** , you dynamically can check the contents of cells of a table (grid) appearing in your environment. You can also check various table properties like row height , cell width and so on. Table Checkpoint is similar to Database Checkpoint
9. Using **XML Checkpoints** you can verify XML Data ,XML Schema,   XML Data