Test Automation

Test automation is the process of writing a computer program to do testing that would otherwise need to be done manually.

Although manual tests may find many defects in a software application, it is a laborious and time consuming process. In addition, it may not be effective in finding certain classes of defects.

Once tests have been automated, they can be run quickly and repeatedly. This is often the most cost effective method for software products that have a long maintenance life, because even minor patches over the lifetime of the application can cause features to break which were working at an earlier point in time.

Note: This course module is based upon the free Wikipedia