



TESTING

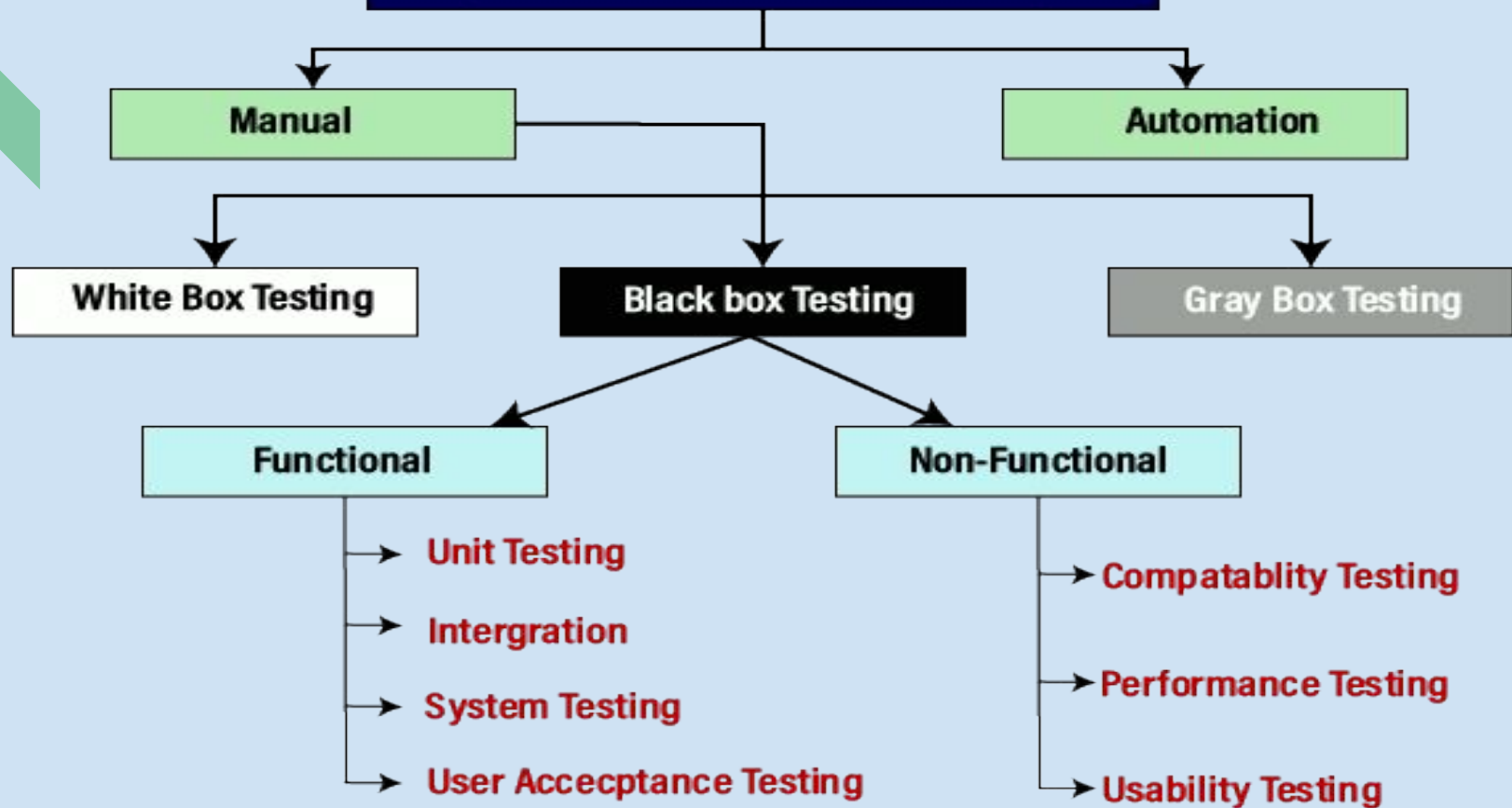


About

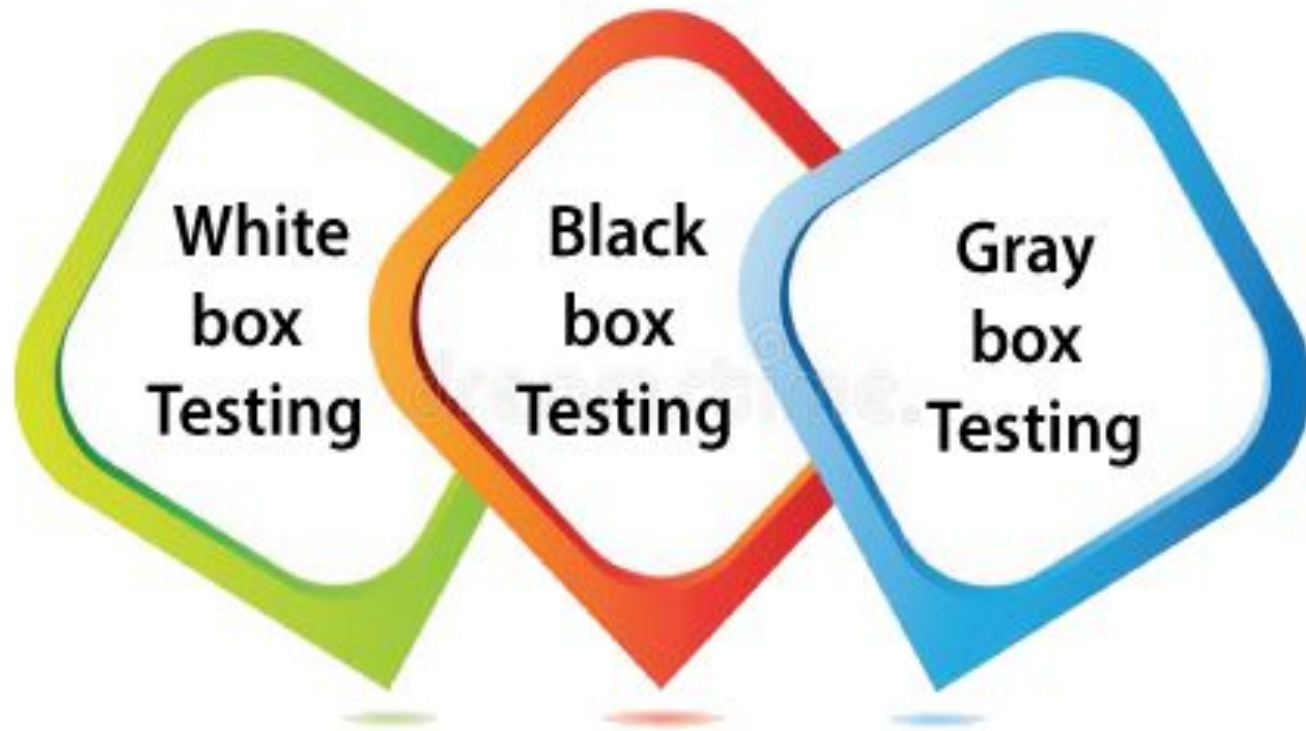
Testing is the process of executing a program to find errors. To make our software perform well it should be error-free.

Software Testing is a method to assess the functionality of the software program. The process checks whether the actual software matches the expected requirements and ensures the software is bug-free. The purpose of software testing is to identify the errors, faults, or missing requirements in contrast to actual requirements. It mainly aims at measuring the specification, functionality, and performance of a software program or application.

Types of Software Testing



Types of Manual Testing



White-box testing

The white box testing is done by Developer, where they check every line of a code before giving it to the Test Engineer. Since the code is visible for the Developer during the testing, that's why it is also known as White box testing.

Black box testing

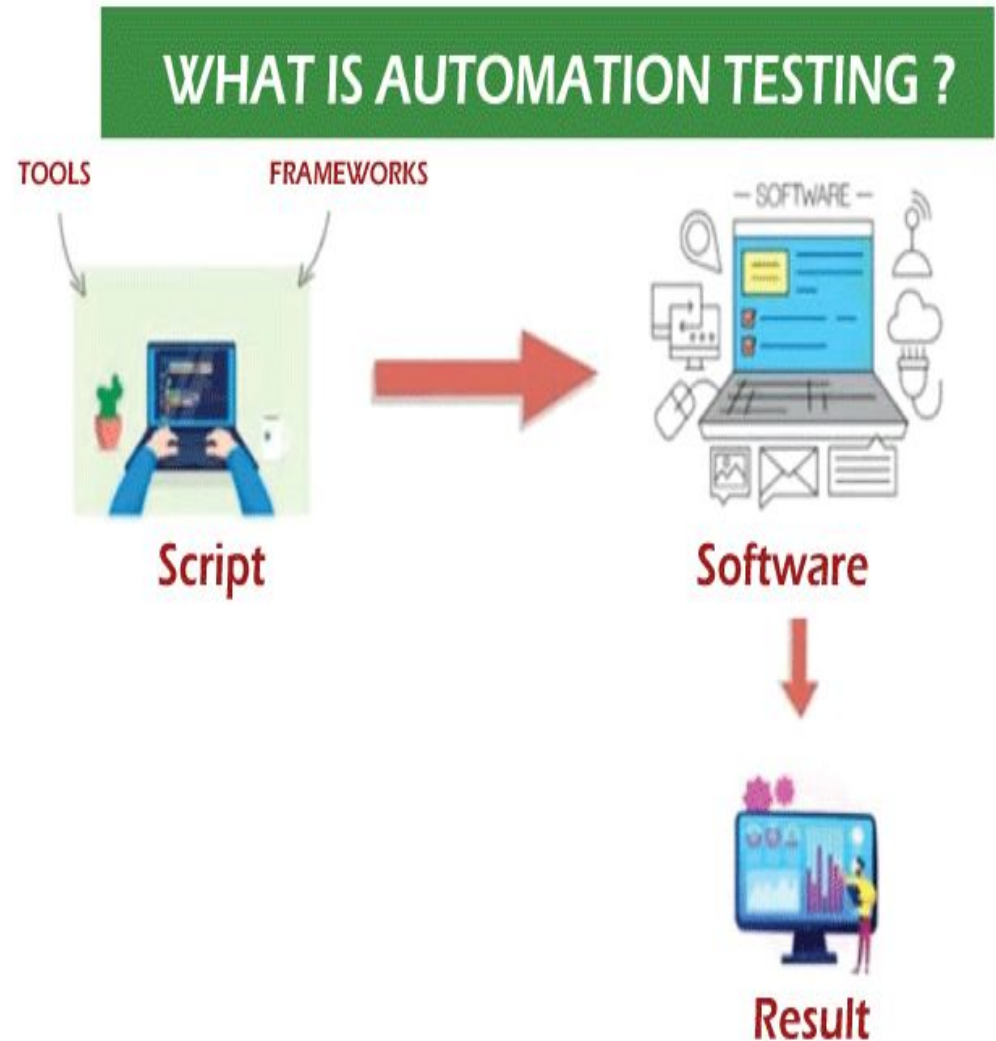
The black box testing is done by the Test Engineer, where they can check the functionality of an application or the software according to the customer/client's needs. In this, the code is not visible while performing the testing; that's why it is known as black-box testing.

Grey box testing

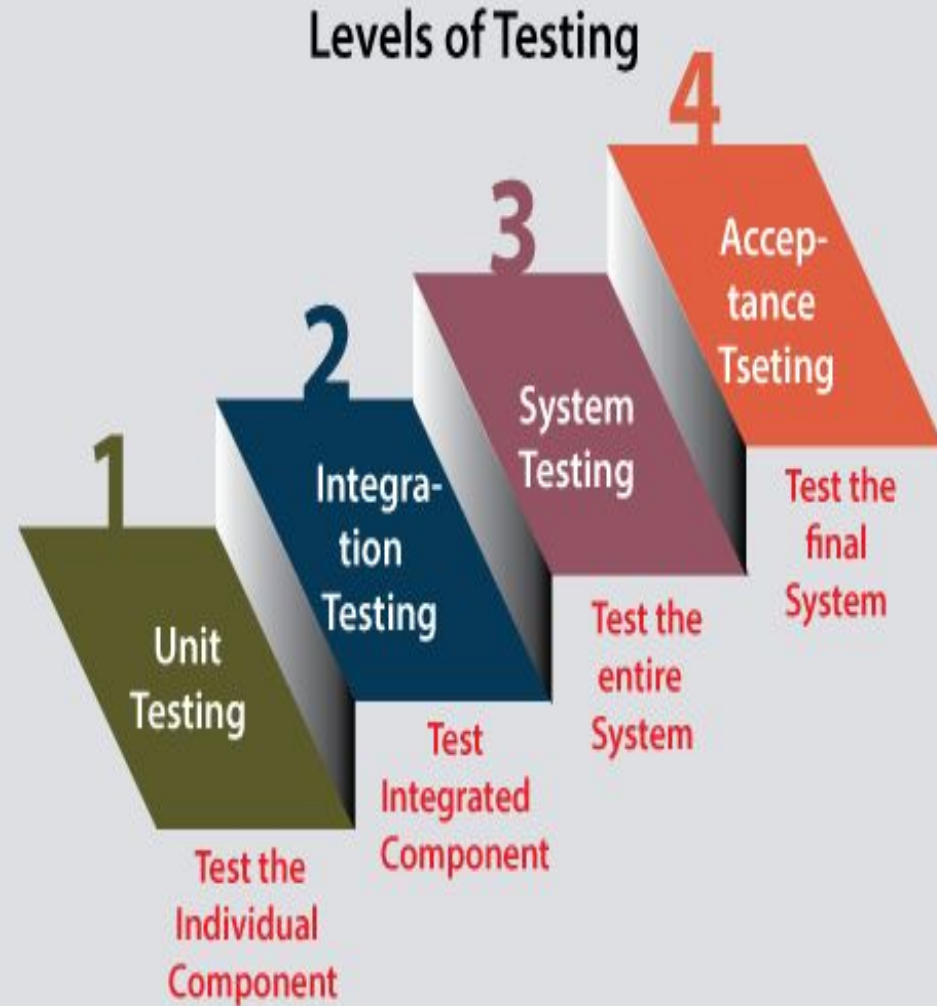
Gray box testing is a combination of white box and Black box testing. It can be performed by a person who knew both coding and testing. And if the single person performs white box, as well as black-box testing for the application, is known as Gray box testing.

Automation Testing

Automation testing refers to the automatic testing of the software in which developer or tester write the test script once with the help of testing tools and framework and run it on the software.



Level Of Testing

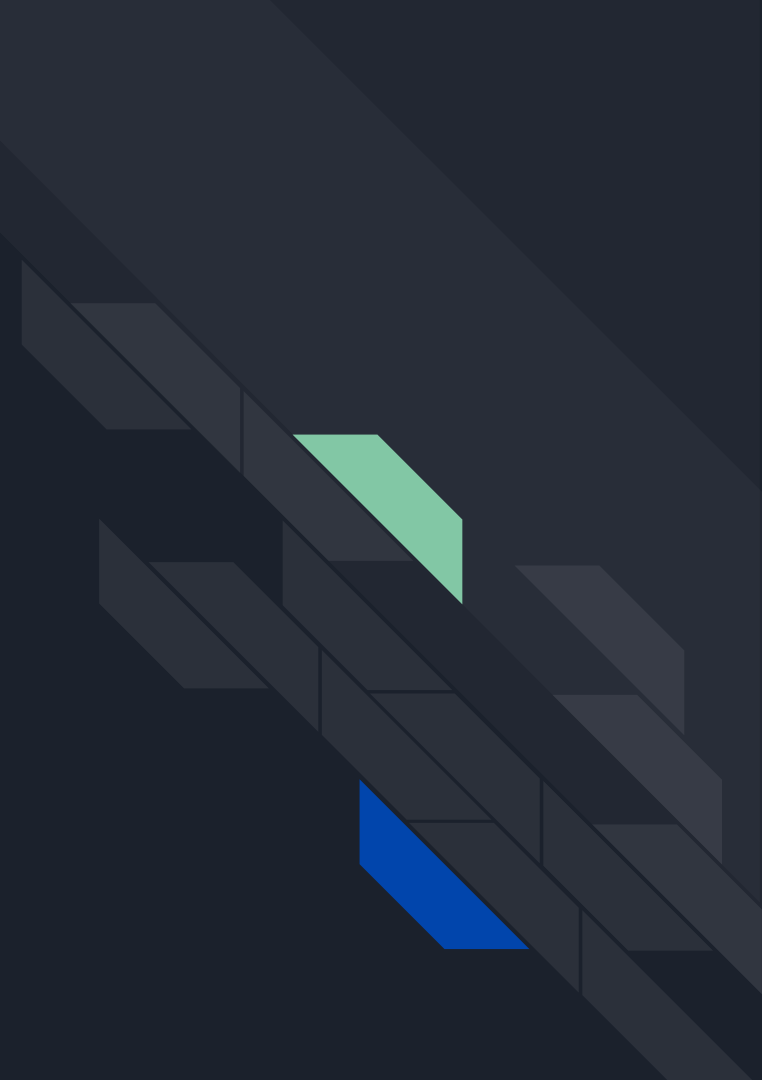




Solution

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What's the book's main message? Use this slide to concisely state it.



Review



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