

Static testingDynamic testingBlack Box testingWhite box testingVisual (GUI) testing	
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Static Testing:

- Testing of the software when its not executing.
- Its start before software runtime.
- Its done during verification process.
- It can be performed manually as well as with automated software.
- It does not need computer because testing done without executing the program. For example:
 - Reviewing
 - Walk through
 - Inspection, etc For More Click here...

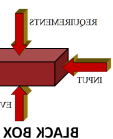
Dynamic Testing:

- It is the testing of program in run time.
- Its work with software, gives input checks outputs are as expected.
- It can be performed manually as well as with automated software.
- Its done during validation process.
- Examples: Unit testing, integration testing, system testing. For More Click here...

Black Box Testing:

- It treats software as block box.
- No knowledge of internal program design and code required.
- It examine software without any knowledge of its its internal implementation.

- Tester only aware what the software suppose to do, not how it does it.
- It is also known as Specification based testing technique.
- It is also known as input/output driven testing technique.
- Test of based on requirements and functionality only.



White Box Testing:

- It treats as white box testing.
- Knowledge of the internal program design and code required.
- Test are based on coverage of code statements, branches, paths, conditions.
- It examine internal structure of program.
- It is also known as structured based technique.
- It is also known as glass box testing technique.
- Tester require knowledge of how the software is implemented, how it works.
- Tester is concentrated on how the software does it.



Visual (GUI) Testing:

- It is the process of testing a product's graphical user interface to ensure it meets its written specification like testing images and buttons alignment on any webpage.