Black Box Testing	White Box Testing
1. Black box testing techniques are also called functional testing techniques.	1. White box testing techniques are also called structural testing techniques.
2Black Box Testing is a software testing method in which the internal structure/ design/ implementation of the item being tested is NOT known to the tester	2. White Box Testing is a software testing method in which the internal structure/ design/ implementation of the item being tested is known to the tester.
3. It is mainly applicable to higher levels of testing such as Acceptance Testing and System Testing	3. Mainly applicable to lower levels of testing such as Unit Testing and Integration Testing
4. Black box testing is generally done by Software Testers	4. White box testing is generally done by Software Developers
5. Programming knowledge is not required	5. Programming knowledge is required
6. Implementation knowledge is not required.	6. Implementation knowledge is required
7. Basis for test cases is requirement specification	7. Basis for test cases is detailed design
8. Techniques that are used in Black Box testing are Boundary-value analysis, Error guessing, Syntax testing, Equivalence partitioning.	8. Techniques that are used in white box testing Code coverage, data flow testing, path testing.
9. Not suited for algorithm testing	9. Suitable for algorithm testing
10. It is least time consuming and exhaustive	10. It is exhaustive and most time consuming type of technique.
11. Best example of Black box testing is Search on Google. User just enters keywords and gets the expected results in turn.	11. Example: The tester chooses inputs to verifying loops, control flows, return types etc. through the code and determine the suitable outputs