Explain the difference between black box and white box testing ?

Black Box Testing	White Box Testing
Tests the functionality of the software system without looking at the internal code	Tests the internal workings of the software system, including the code, algorithms, and data structures
Does not require knowledge of the internal implementation details of the software system	Requires detailed knowledge of the internal implementation details of the software system
Tests the software system from the perspective of the end user	Tests the software system from the perspective of the developer
Focuses on inputs and outputs of the software system, as well as its behavior in response to different inputs	Focuses on the structure and logic of the software system, as well as its internal state and processing
Can be used to test both functional and non-functional requirements of the software system	Primarily used to test the correctness of the software system
May miss some errors or defects that are specific to the internal implementation details of the software system	Can uncover errors or defects that are specific to the internal implementation details of the software system