# Read More About White-box Testing Techniques and Their Limitations

**White-box Techniques**

White-box testing involves examining the internal structures or workings of the software. Techniques include code coverage analysis and path testing, which help in ensuring that all code paths and logic are thoroughly tested.

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**Statement Testing and Coverage with Example**

Statement testing and coverage involve executing individual statements in the code to ensure that each line is tested. This technique helps in identifying issues related to specific code segments and ensures comprehensive testing.

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**Decision / Branch Coverage with Example**

Decision or branch coverage involves testing all possible decision outcomes within the code. This technique ensures that all branches of conditional statements are exercised, providing a more thorough evaluation of the software's logic.

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**Limitations on White Box Methods**

White-box methods have limitations such as potential for incomplete coverage and challenges in testing complex code structures. Understanding these limitations helps in combining white-box testing with other techniques for comprehensive coverage.

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