

What is structural testing?

- Structural testing measures the quality of testing **based on the program's internal structure** — it is a white-box technique).
 - Focuses on *how* the code works, not *what* it should do (=functional testing)
 - We can ask: “*have I tested all variable declarations?*”, “*have I tested all possible flows or parts of the code?*”
 - But can't ask: “*have I tested all functionalities in the requirement documentation?*”
- It is most relevant to unit testing, where your view of the entire system is **at the code level**: when the code is small, isolated, and the internal structure is fully visible.