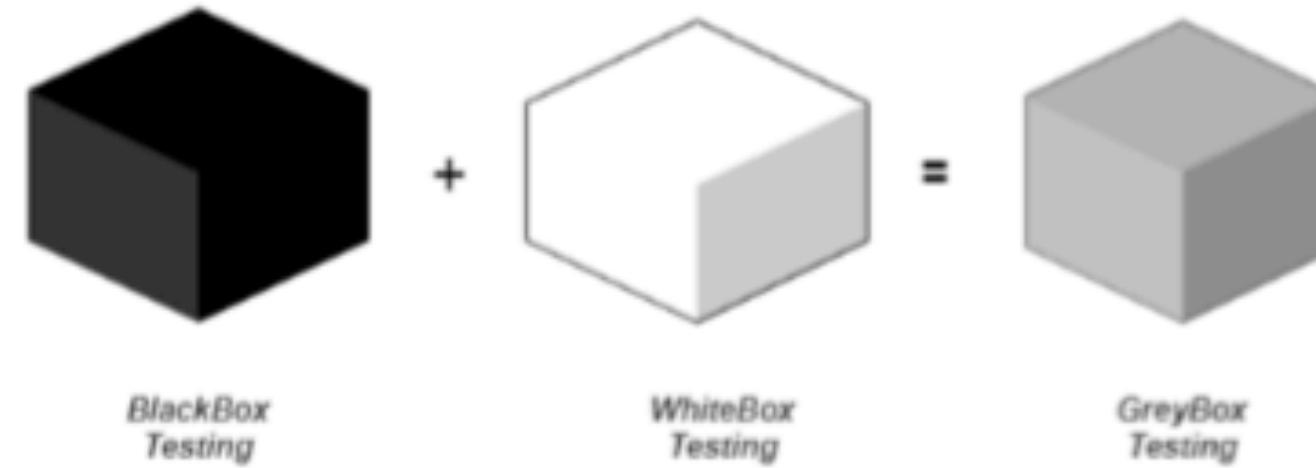


White, Black & Gray box Testings

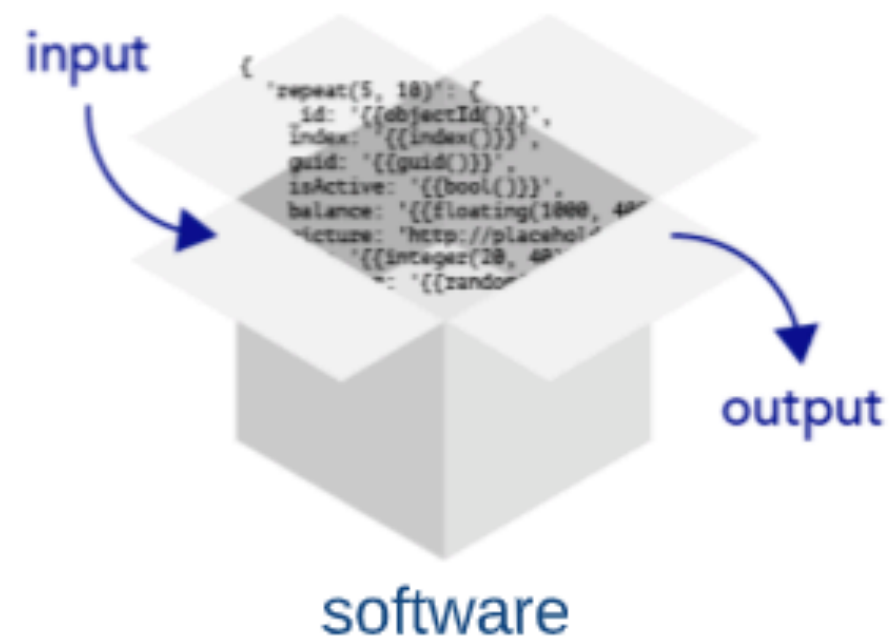


Interview Question & answers in this article:

What is **White** Box Testing?

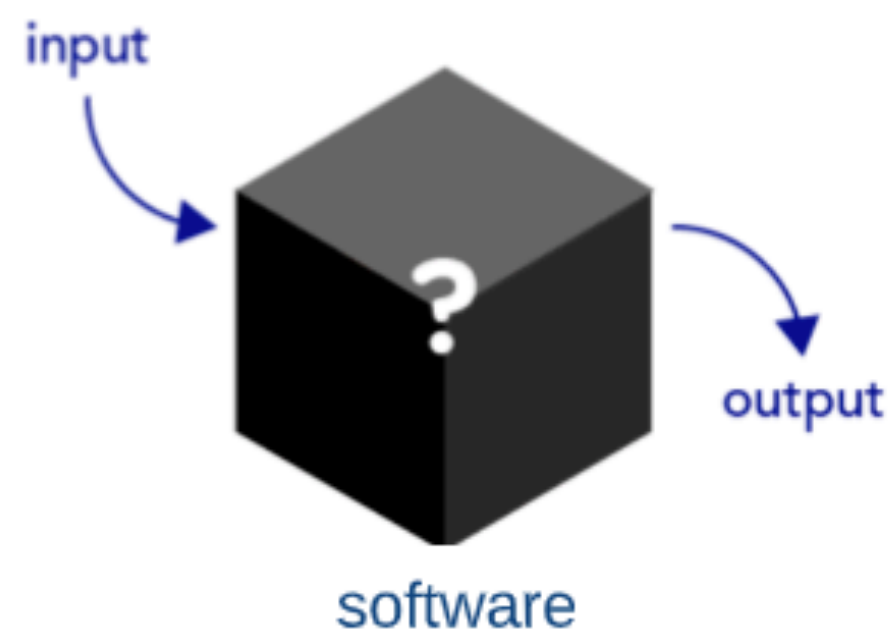
What is **Black** Box Testing?

What is **Gray** Box Testing?



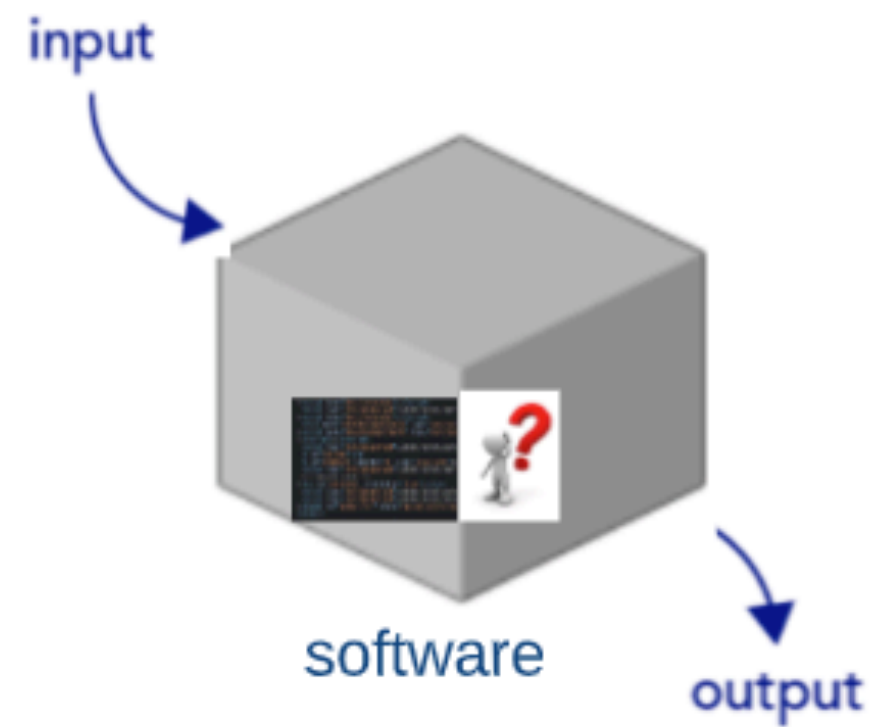
White box testing: also called glass box testing

- White box testing requires a **good understanding** of the **application's internal code and behavior**.
- A software's code is written by developers so the developers know the internal structure in detail.
- **Performed by the developers.**



Black box testing:

- Black box testing is testing of a application **without** having **any technical knowledge, code's logic**, how the code works, or knowledge of the internal structure, etc.
- Manual testers, the client and end users test the application without technical knoweldge. They just give input and get the output/result, they do not understand the function process.
- **Performed by manual testers, the client and end users.**



Gray box testing:

- Gray Box testing is to test the software application **with partial knowledge** of the **internal code structure**.
- It is a **combination of black box and white box testing**.
 - Automation engineers, performance testers, and security engineers know partial code logic.
- **Performed by automation engineers/QA/SDET, performance testers, Security engineers**