**Shift Left Testing**

**Shift Left Testing** is a software development approach where testing activities are moved earlier (or "shifted left") in the development process.

it is actually a more **modern** and **agile** approach to software testing.

In traditional software development, testing typically happens after the development phase, meaning developers write code first, then testers find and report bugs later. This can lead to delays and higher costs for fixing issues.

With **Shift Left Testing**, testing is done earlier, often right from the beginning of the project. The goal is to identify and fix bugs early, when it's easier and cheaper to make changes. It encourages developers to take responsibility for quality and testing throughout the development cycle, not just at the end.

For example:

* Writing unit tests while coding.
* Conducting code reviews and static analysis early.
* Automating tests to catch issues as soon as new code is added.

By shifting testing left, teams can catch issues before they become bigger problems, improving software quality and speeding up delivery.