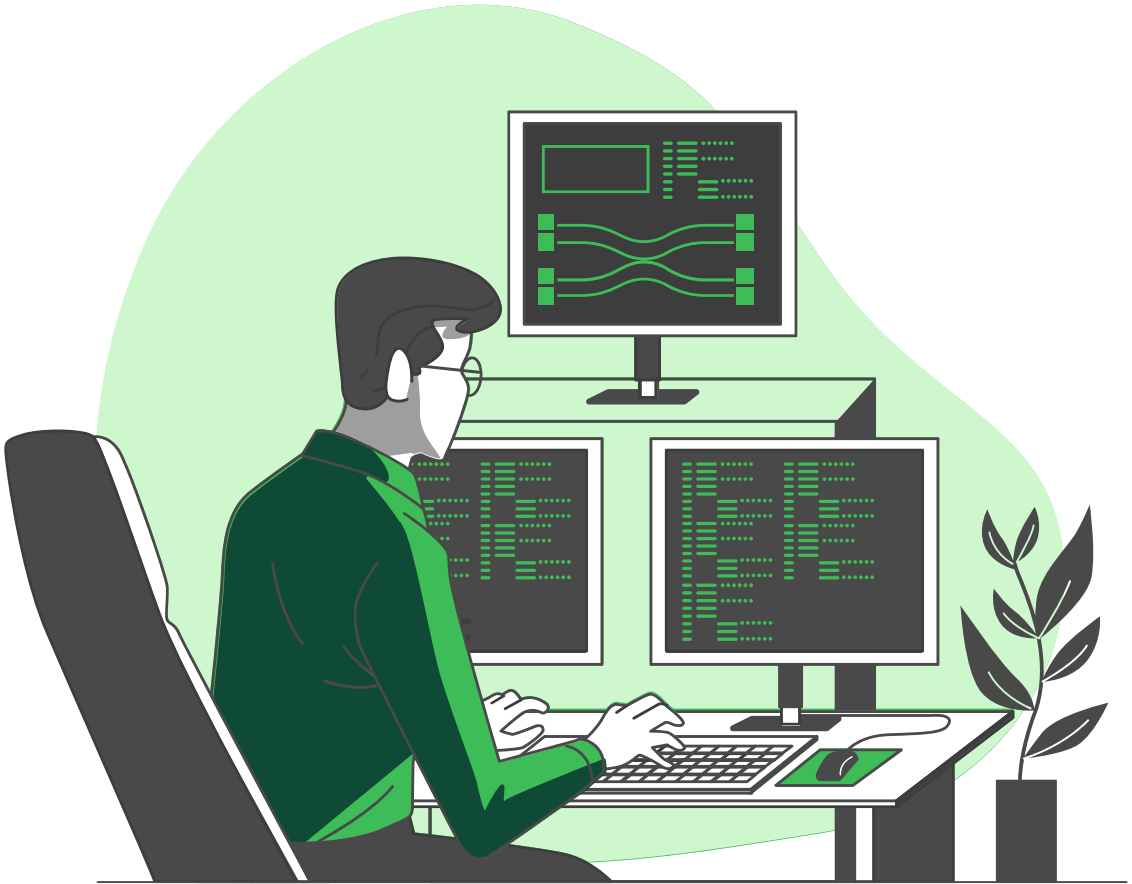


Unit Testing

Testing Levels

01

Unit Testing

By Developers

02

Integration Testing

By Testers

03

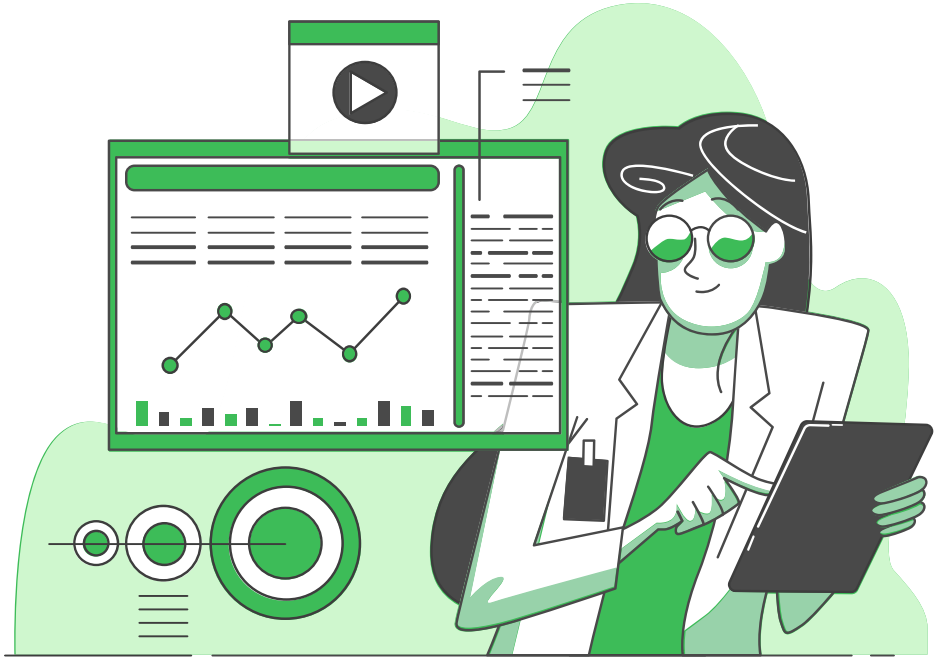
System Testing

By Testers

04

Acceptance Testing

By End User



Unit Testing

What?

Software development process in which the smallest testable parts of an application, called units, are individually and independently scrutinized for proper operation. This testing methodology is done during the development process by the software developers and sometimes QA staff.

REPRESENT AS

01 functions 

02 Reports 

03 Form 

04 Sql Query 

Unit Testing

- **When ?**

  After modules are coded.

- **Who ?**

  Developers.

Unit Testing

- Faster Debugging
- Easier to fix bugs and pickup earlier
- Unit tests smaller amount of code
- Encouraging more refactoring
- Reduce future cost

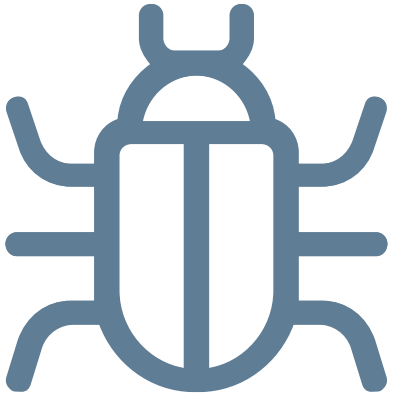
Unit Testing Life Cycle

Internal Application Design

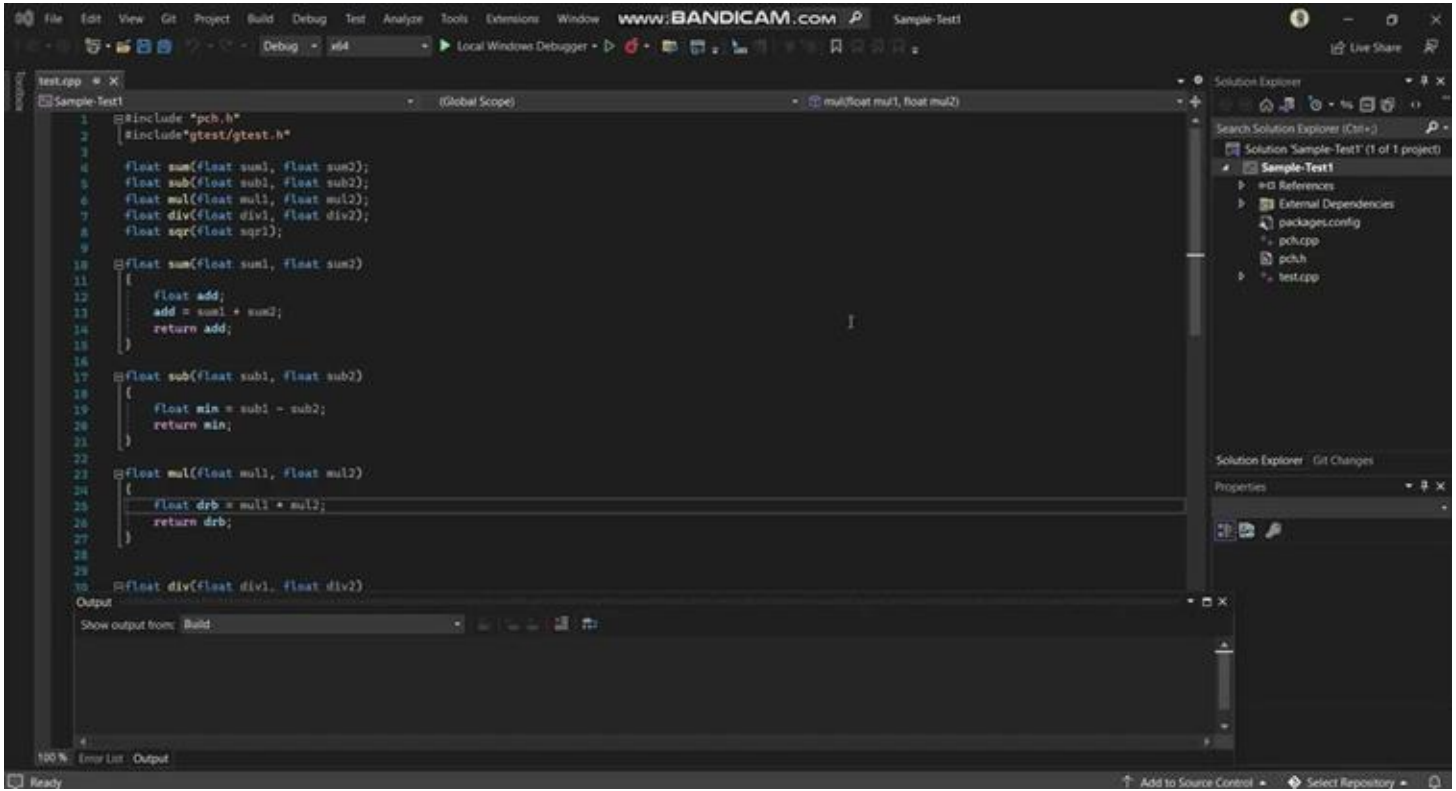
Unit Test Report

Tools

- Debug
- Re-structure
- Code Analyzer
- Path/statement coverage tools



Demo Unit Testing



THANKS!