

# Refactoring

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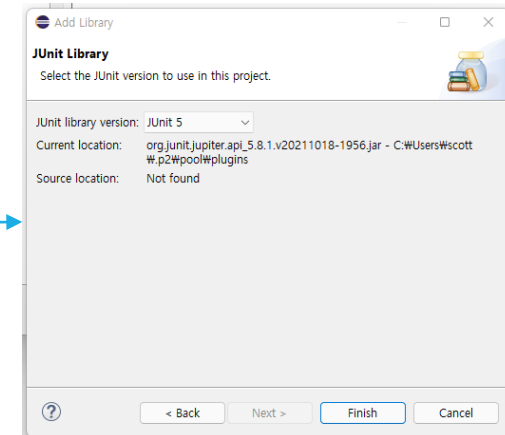
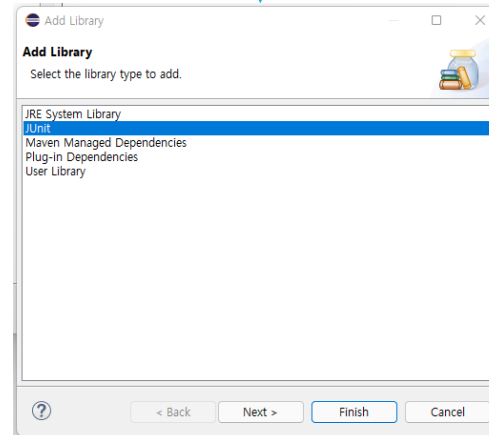
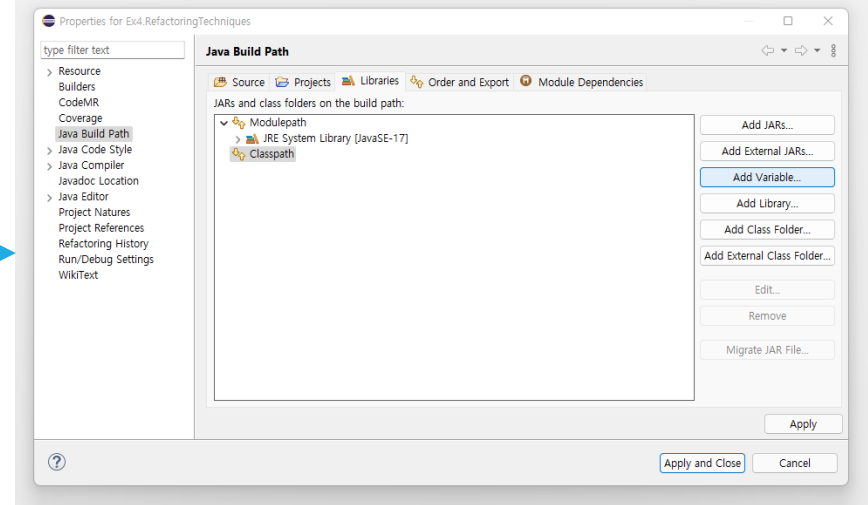
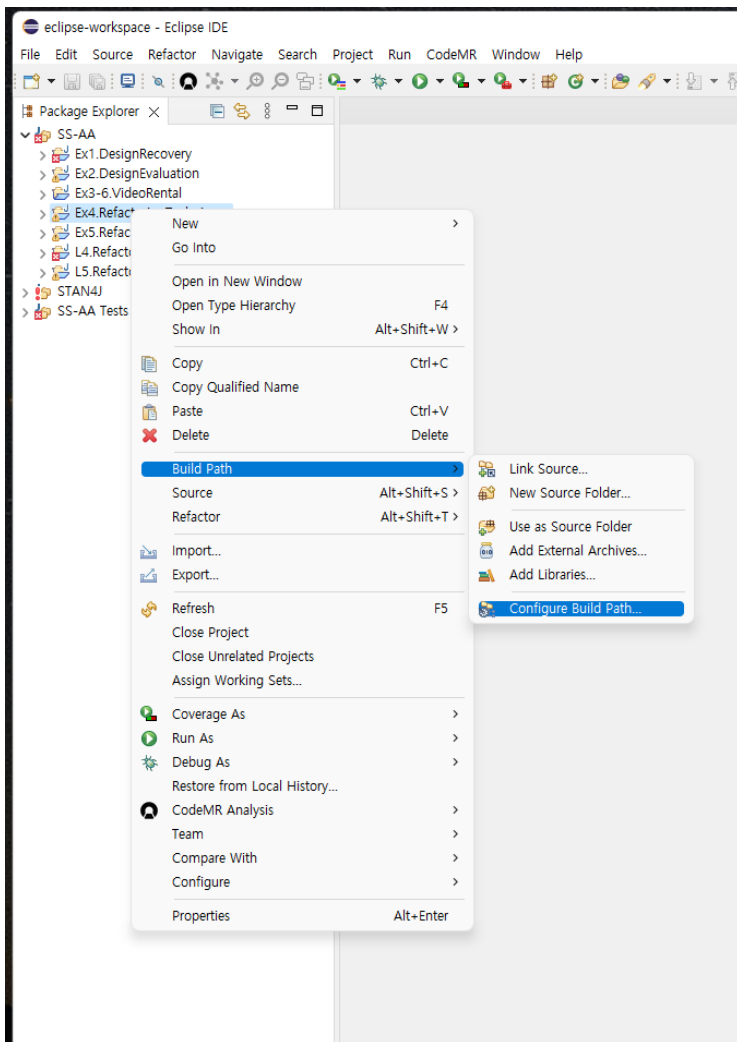
TOOL SETUPS : ECLIPSE

# Junit5

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- JUnit5 설치
  - @Package Explorer : Project → Context menu (우클릭)
    - Build Path | Configure Build Path
  - @Libraries 탭 : Add Library
  - JUnit → Next
  - JUnit5 선택 → Finish
  - Apply and Close

# Junit5



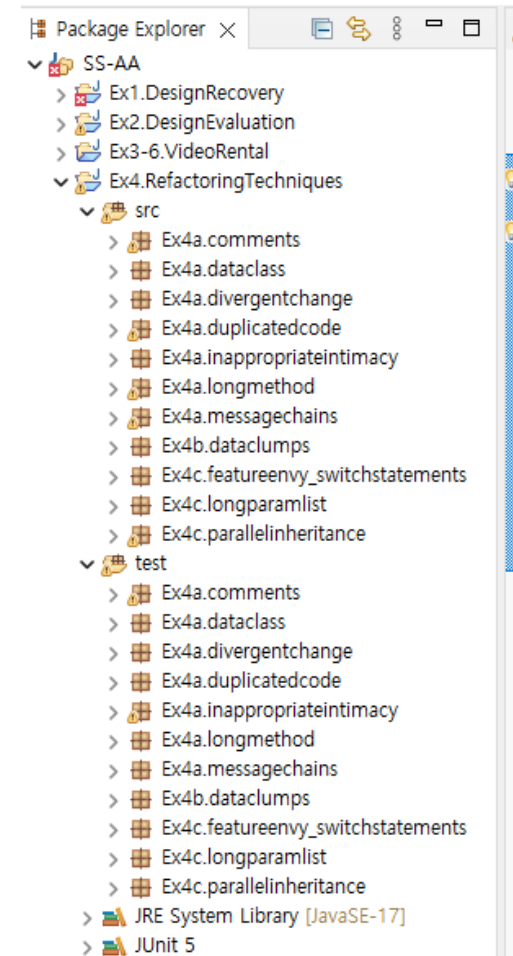
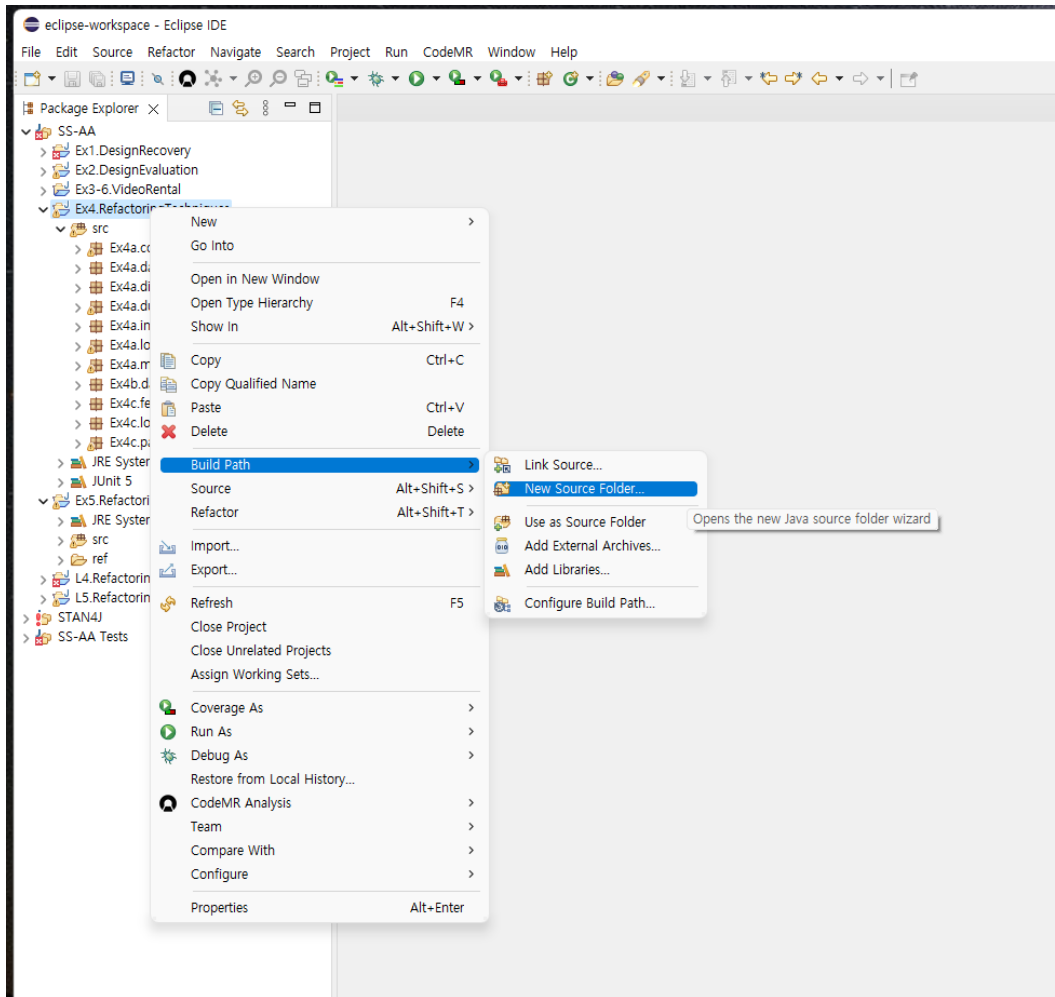
# Junit5

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- **프로젝트 Test Folders 설정**

- @Package Explorer : Project → Context menu (우클릭)
  - Build Path | New Source Folder
  - Folder name → “test” 입력 → Finish
- @Package Explorer : ‘src’ 폴더
  - SimpleSmells/src 폴더의 하위 폴더 모두 ‘src’ 폴더로 Drag & Drop (copy)
- @Package Explorer : ‘test’ 폴더
  - SimpleSmells/test 폴더의 하위 폴더 모두 ‘test’ 폴더로 Drag & Drop (copy)

# Junit5



# Junit5

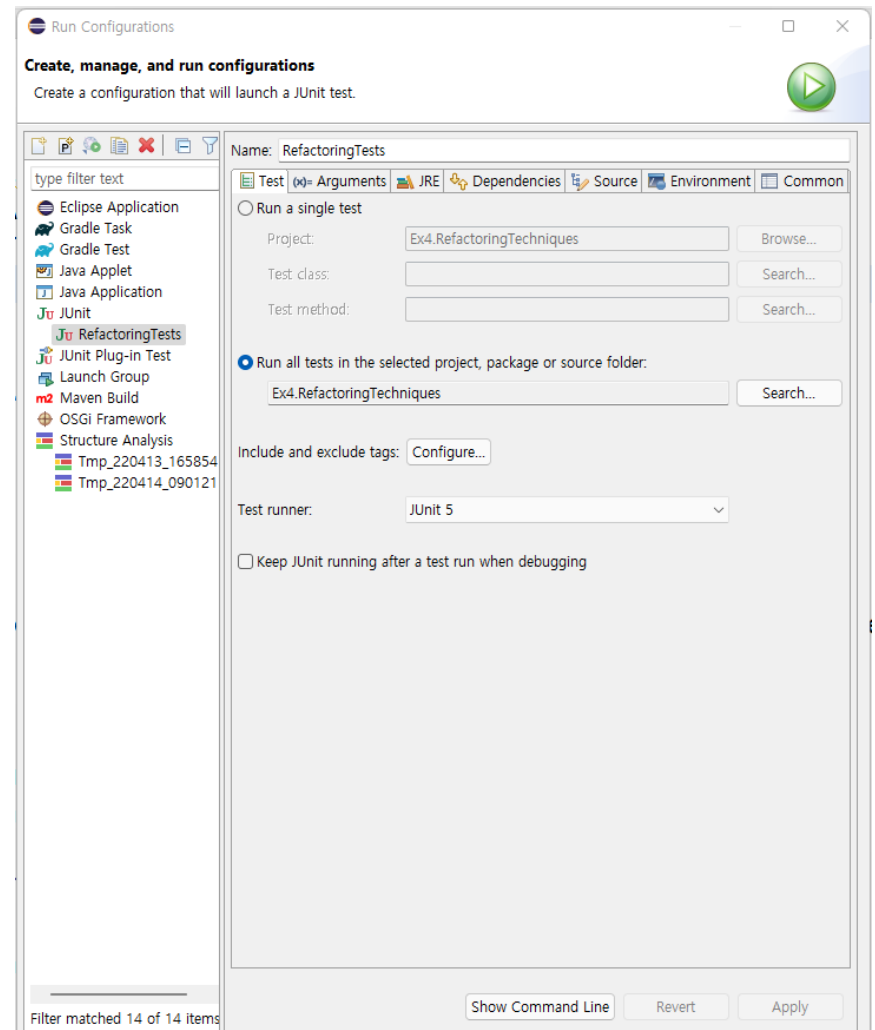
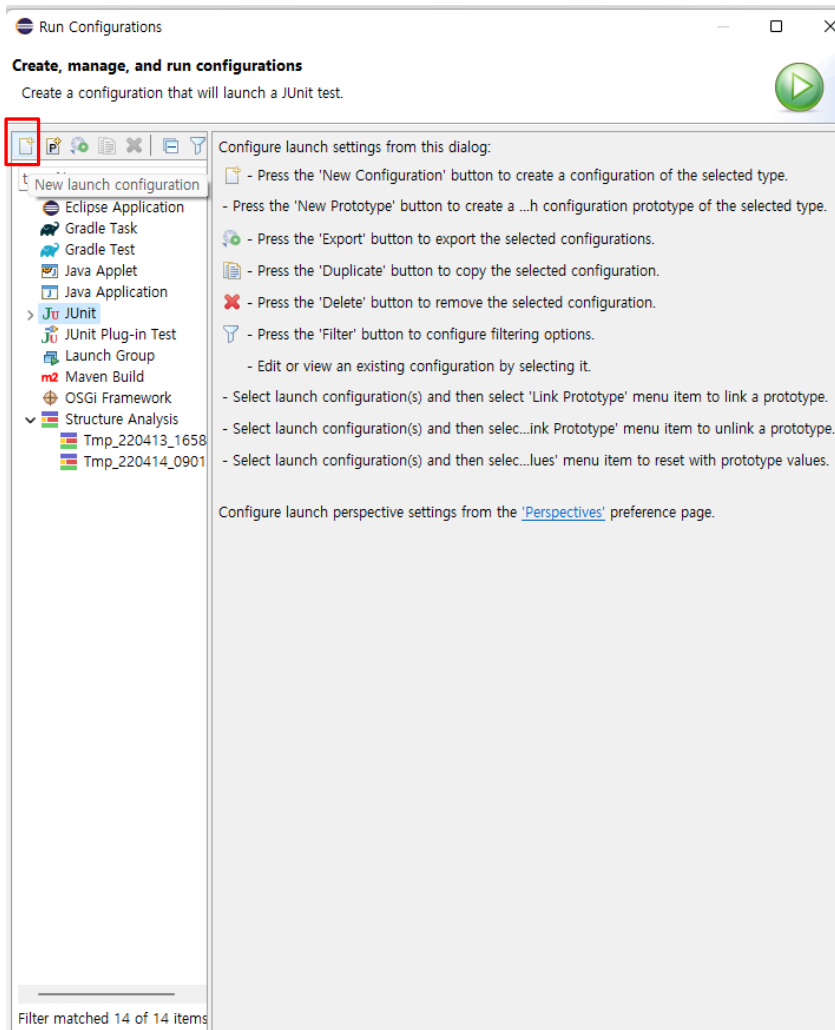
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- **Run configuration**

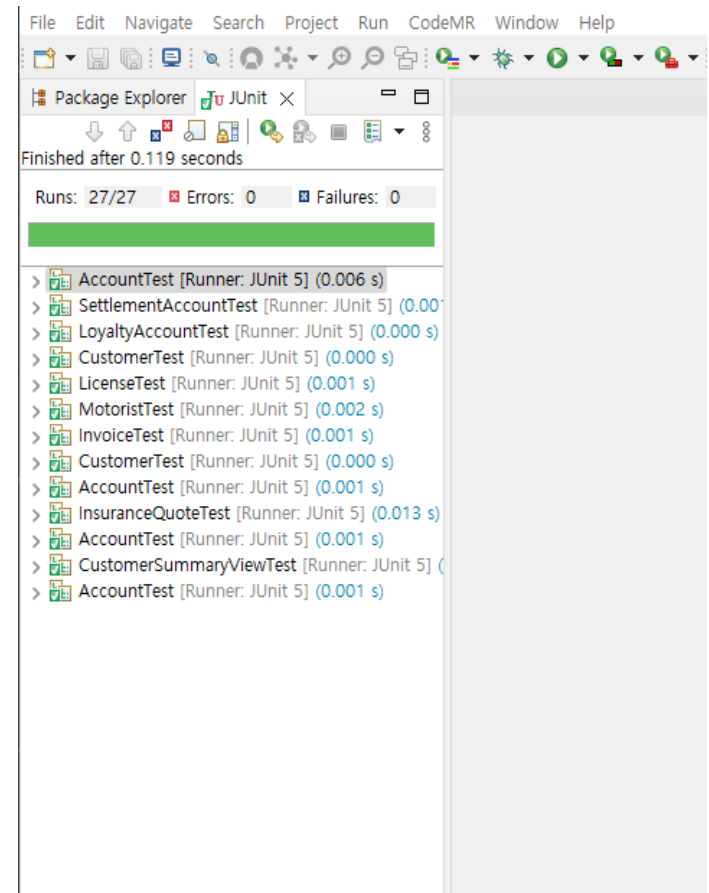
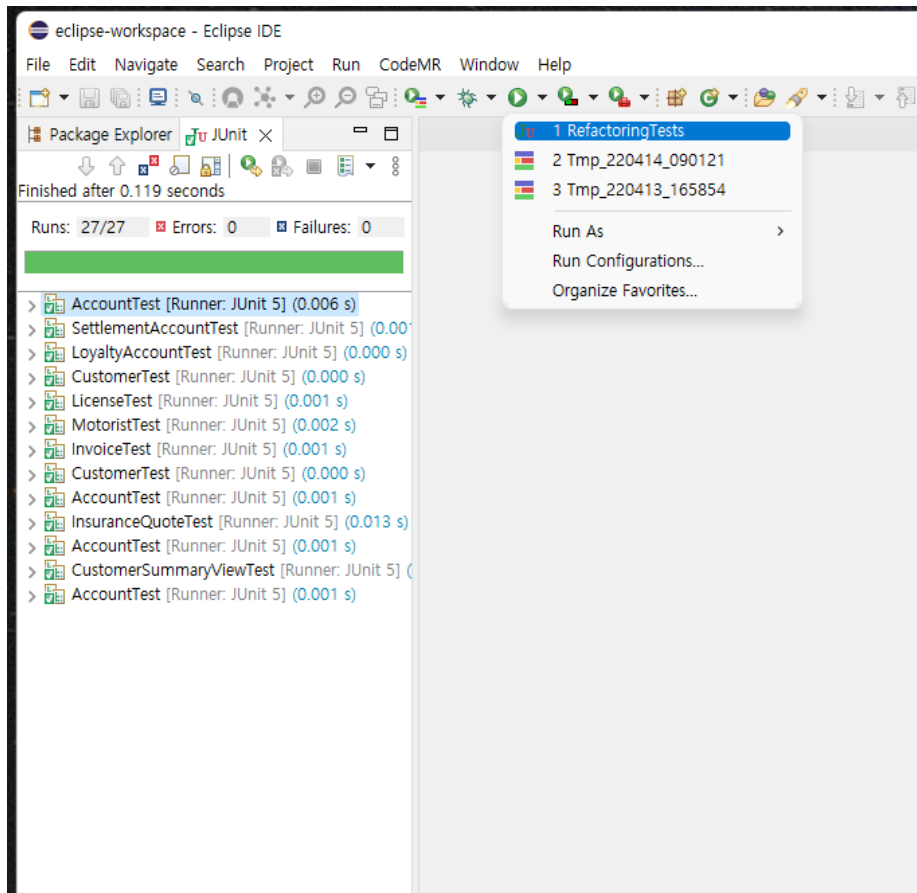
- Run / Edit Configurations |

- @ JUnit / new configuration 버튼 클릭
    - Name : 'RefactoringTests'
    - Run all tests in the selected project, package or source folder 선택
    - 해당 Project 혹은 'test' 폴더 선택
    - Apply → Close 혹은 Run

# Junit5



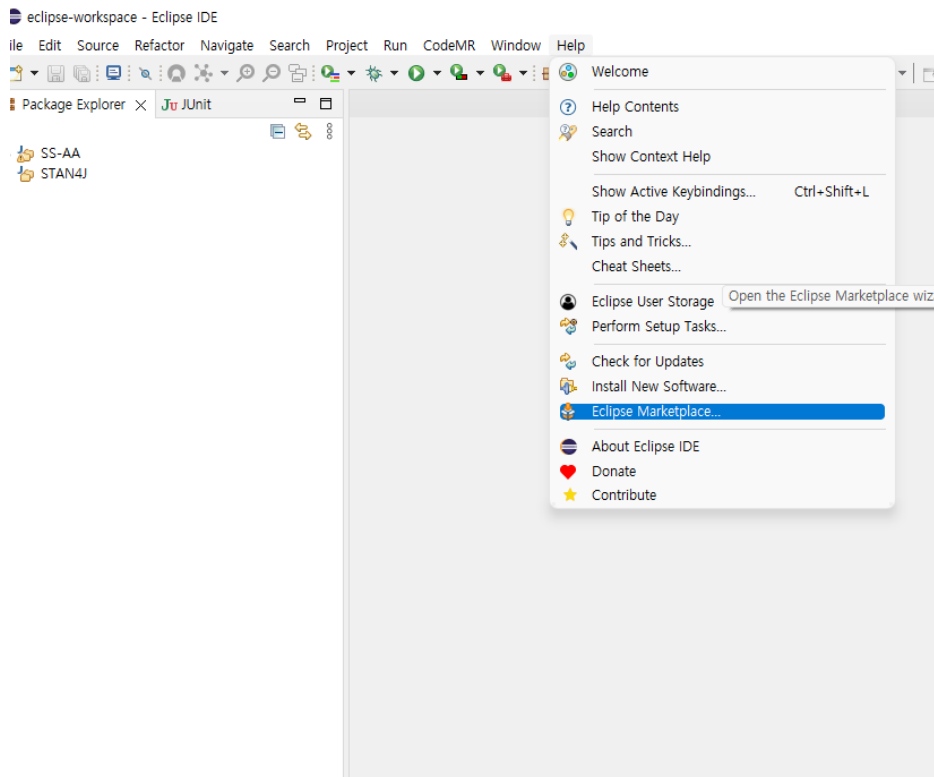
# Junit5





# Infinittest

- **Auto-Build 설정** (Infinittest Plug-in 설치 및 운영)
  - Help | Eclipse Marketplace...
  - “infinittest” 검색 및 설치



# Infinittest

- **Auto-Build 설정** (Infinittest Plug-in 설치 및 운영)
  - 모든 Package가 오류 없이 build 되어야 함
    - Project | Build Automatically가 선택되어 있어야 함
    - Project | Clean... → 전체 프로젝트 재빌드 → 모든 Unit Test 실행
    - 하단 Status bar 및 Problems 뷰에서 결과 확인 가능

The screenshot displays two states of an IDE's test runner. The top state shows a successful build and test run with a green status bar indicating '13 test cases ran at 오전 11:16:42'. The bottom state shows a failed test run with a red status bar indicating '1 test cases ran at 오전 11:17:24'. The Problems view in the bottom state lists one error: 'AssertionFailedError (expected: <50.0> but was: <60.0>) in SettlementAccountTest.debit' at line 16.

Description	Resource	Path	Location	Type
✓ ✖ Errors (1 item)				
✖ AssertionFailedError (expected: <50.0> but was: <60.0>) in SettlementAccountTest.debit	SettlementAc...	/Ex4.RefactoringTe...	line 16	Infinittest Test...
> ⚠ Warnings (73 items)				