

Lecture 4 – Coverage Criteria (Homework)

AAA705: Software Testing and Quality Assurance

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2024 Spring

- Graph Coverage
 - Structural Coverage
 - Data-Flow Coverage
 - Subsumption Relationships
- Logic Coverage
 - Simple Logic Expression Coverage
 - Active Clause Coverage
 - Inactive Clause Coverage
 - Subsumption Relationships
- Neuron Coverage
- Feature-Sensitive Coverage

- Please see this document on GitHub:

<https://github.com/ku-plrg-classroom/js-cov>

- The due date is 23:59 on Mar. 25 (Mon.).
- Please only submit `coverage.scala` file to **Blackboard**.
- You can implement your own coverage profiler in any programming language (e.g., Python, etc.) from scratch without using it.
- However, you need to provide instructions on how to build and execute your coverage profiler, and it should produce the same coverage results as the expected output of this template.

- Search Based Software Testing (SBST)

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