



Malmö University
Faculty of technology and society

Advances in Software Development – DA616A
Unit test/TDD lab

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QUESTION (3a1): What type of code coverage is measured by the tool (statement, branch, path or condition)? Is it possible to choose more than one type?

Answer: Code coverage that is measured by the tool can be branches, lines, methods, types, conditions and classes. Yes, it is possible to choose more than one type.

QUESTION (3c1): What is the maximum code coverage you reach when executing your tests?

Answer: 86.6% before correcting the defects and 100% after correcting the defects

QUESTION (3c2): Which defects did you find?

Answer: Some letters were missing in the source code like D and g.

QUESTION (3c3): How did you correct the defects?

Answer: By adding missing letters in the source code.

QUESTION (3c4): Do all test cases pass once the defects have been corrected?

Answer: Yes

QUESTION (4c1): How many state transitions (compare 0-switch, 1-switch, etc. mentioned in the lecture) are reasonable to test in this case?

Answer: Three state transitions are possible in each state. 0-switch have 6 possible transitions and 10 for 1-switch. Then we also have 6 illegal state transitions which need to be tested.

QUESTION (4f1): How much code coverage do you reach with your tests?

Answer: 99.0%