

## TDD-Lab – Alternative

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Those that have already done the TDD-lab (involving the Clock and testing the state machine), may instead do the following:

1. Implement Myers' "triangle example":

- "The program reads three integer values from an input dialog, e.g.:

The three values represent the lengths of the sides of a triangle. The program displays a message that states whether it is a triangle and if the triangle is scalene, isosceles, or equilateral."

- Create test cases that test all the values you would use to test this application.....
  - Scalene – no sides are equal
  - Isosceles - 2 sides equal – Swedish: "Likbent"
  - Equilateral – all 3 sides are equal – Swedish: "liksidig"
  - Don't forget to check if it is a triangle at all...

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- Apply the Decision and Condition Coverage tests in order to test your machine as thoroughly as possible.
- After you have done the best you can, evaluate your result comparing your test suite to Myers' 14 questions. Did you do better than the average (7.8)?
- Upload your triangle program code, test code and the answer to the question above.