Formal Methods in Software Development Exercise 4 (November 29, 2012)

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Submit the results as a single PDF file in the Moodle interface of this exercise.

Consider your programs formalized in Exercise 3.

- 1. Provide manually partial/total correctness proofs of STR_1 and STR_2 by a "traditional" mathematical method: induction on a number of loop executions.
- 2. Provide manually partial/total correctness proofs of STR₁ and STR₂ by using additionally Floyd-Hoare calculus specified for (E)EL program algebras.