## DD2448 Foundations of cryptography

## Homework XYZ

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This is an example template. For each homework there will be a particular template posted on the homepage with the problem numbers already in place that you must use. All solutions will be marked as "NOT SOLVED" to start with and your job is to fill in actual solutions, without changing the numbering of the problems and subproblems.

- 1 This is a problem without any subproblems, so the solution goes right here into the environment.
- 2 This is a problem with subproblems, so here we only write general observations that apply to several subproblems. The rest we deal with in the solution of each subproblem below.
  - **2a** Solution for first subproblem.
  - **2b** Solution for second subproblem.
- 3 NOT SOLVED
- 4 Here we say something interesting, but the first subproblem is too hard, so we leave it unsolved.
  - 4a NOT SOLVED
  - 4b Solution for second subproblem.
- 5 This is a problem with subproblems, so here we only write general observations that apply to several subproblems. The rest we deal with in the solution of each subproblem below.
  - **5a** Solution for first subproblem.
  - **5b** Solution for second subproblem.
- 6 NOT SOLVED
- 7 Here we say something interesting, but the first subproblem is too hard, so we leave it unsolved.

7a NOT SOLVED

- **7b** Solution for second subproblem.
- 8 This is a problem with subproblems, so here we only write general observations that apply to several subproblems. The rest we deal with in the solution of each subproblem below.
  - 8a Solution for first subproblem.
  - 8b Solution for second subproblem.
- 9 NOT SOLVED
- 10 Here we say something interesting, but the first subproblem is too hard, so we leave it unsolved.10a NOT SOLVED
  - 10b Solution for second subproblem.
- 11 This is a problem with subproblems, so here we only write general observations that apply to several subproblems. The rest we deal with in the solution of each subproblem below.
  - **11a** Solution for first subproblem.
  - 11b Solution for second subproblem.
- 12 NOT SOLVED
- 13 Here we say something interesting, but the first subproblem is too hard, so we leave it unsolved.13a NOT SOLVED
  - 13b Solution for second subproblem.