

Name:

Pers.nr.:

E-mail:

TIN092 — Algorithms

Exercise Set 2

Note: Don't forget to read, on the course website, the directions & guidelines for solving & submitting exercise sets (<http://www.cse.chalmers.se/edu/course/TIN092>). Write *on a printout of this PDF*, and write each solution only in the space given (indicated by horizontal bars). Feel free to refer to parts of the book (do that instead of copying definitions and algorithms from it, for instance).

Exercise 1

As exercise [KT 4.5]. Make a “stays ahead” argument. *Points: 4.*

Exercise 2

As exercise [KT 4.13]. Make an “exchange” argument. *Points: 4.*

Exercise 3

As exercise [KT 4.19]. *Points: 2.*
