# DM833 – Weekly Note 6

## Lectures in week 20

**Monday, May 13**

- Make an outline of a 10 minutes presentation of the bin packing problem.
- Section 12.1: Recap of linear programming, duality, and complementary slackness.
- Section 12.3:
    - Two design techniques: LP-rounding and the primal-dual schema
    - An analysis technique: dual fitting

**Tuesday, May 14**
No lecture

**Wednesday, May 15**

- Make an outline of a 10 minutes presentation of scheduling to minimize makespan.
- Section 13.1: Analysis of Set Cover using dual fitting