Due 08.00 Teisipäeval 23 Veebruar 2016

Please upload your writeup and example programs as one compressed folder. You need not use an online judge for your example programs, though do make sure you explain how they work and write them as clearly as possible. Optimize your 6 hour time limit - choose your problems to give you as much of an introduction to the areas that are discussed

**Exercise 1**
Read chapters 3 and 4

**Exercise 2**
In one paragraph summarize main content of chapter 3

**Exercise 3**
Solve one problem from each section of chapter 3 and 2 programming challenges in chapter 3

**Exercise 4**
Review a recent paper on data structures – write a one paragraph summary

**Exercise 5**
In one paragraph summarize main content of chapter 4

**Exercise 6**
Solve one problem from each section of chapter 4 and 2 programming challenges in chapter 4

**Exercise 7**
Review a recent algorithmic paper on sorting – write a one paragraph summary

**Exercise 8**
How long did this take you? Stop when get to 6 hours.

BONUS

**Exercise 9**
Occasionally, one may find problems which require you to use extremely large numbers. Read through chapter 7 of:
Try some of the indicated UVa problems