I would like you to repeat proofs presented in the text (you can modify them if you wish) plus solve a few problems from Lecture 1.
1. Example 1.5.
2. Example 1.6.
3. Solve Exercise 1.4.
4. Solve Exercise 1.8.
5. Solve Exercise 1.12
6. Example 2.7.
7. Example 2.8
8. Solve Exercise 2.40