Exercise 1 (individual assignment) (30 points) Please do exercise 10.1 on page 226 in the textbook.

Exercise 2 (individual assignment) (20 points) Please do exercise 10.5 on page 227 in the textbook.

Exercise 3 (group assignment) (50 points) Please implement liveness analysis as is described in the textbook.

Exercise 4 (group assignment) (100 points) Please implement implement register allocation (graph coloring) as is described in the textbook.