

Homework I specific requirements, submission guide and deadlines are detailed on the page blue.pri.ee/ttu -> **programming II -> homework I**

Maximum score for homework 1 is 15p. It's a part of the final grade.

Variant X-11

Data for automated ticketing system is read from 2 files and stored into a structure array.

1. The first file contains the violation records:
 - a. Car registration number
 - b. Speed measured
2. The second file contains car owners:
 - a. Car registration number
 - b. Owner's first name
 - c. Owner's last name
3. Generate fine notices based on the principle:
 - a. The speed limit is fixed at 90 km/h.
 - b. The process will be started when the car's speed is at least 97 km/h.
 - c. Uncertainty of measurement is 4 km/h for each reading.
 - d. Every kilometer per hour exceeded from the limit is fined by the rate of 3€.
 - e. The maximum fine is 190€.
 - f. E.g. when the camera catches the driver driving at a speed of 99 km/h, the driver will be fined 15€.
4. Output should be stored in a file and displayed on the screen.