Homework 2 specific requirements, submission guide and deadlines are given on the webpage **https://blue.pri.ee/ttu** **-> Programming II -> homework II**

Maximum score for homework 2 is 15p. It's a part of the final grade.

Topic: Price watch

The first file contains smart phones with their technical specifications.
The second file contains price quotes from different retailers. One phone can be sold by multiple retailers with different prices. A retailer might not sell every product in the products file.

File structure:

Products	Quotes
Product code (PK)	Quote ID (PK)
Name (mark + model)	Product code (FK)
RAM (MB)	Retailer
Screen size (inches)	Price
Operating system	Availability (in stock / order)

The structures don't have to match the source files exactly. You can add additional fields when needed.

Variant: 03-02

Required menu options:

- Display all the data from files. Group quotes together by the products. Only display the product once, followed by quotes associated with it.
- Allow the user to edit the product ram amount and quote retailer by selecting either the respective product code or quote id. Check that the input matches the required format. Write the changes to the file.
- Search products by name, which is given by the user. Display the cheapest quote where the phone is in stock with the store information.