1. Serial communications - advanced
    a) Set the Arduino to enter the necessary initialization commands to the GRPS-Shield so you
        no longer need to insert them by hand. Leave the possibility to see what is going on in the
        system so that you are able to print text to your terminal as well.

2. Filtering and removing unnecessary information
    a) Strip down unnecessary information from the incoming call
    b) Leave the caller number and phonebook identity (name) intact
    c) Test this by printing the filtered information to the terminal monitor. Make sure to try with
        a saved phonebook entry and unsaved phonebook entry.

**NOTICE! REMEMBER THAT IF YOU INSERT THE PIN CODE INCORRECTLY TOO MANY
TIMES (3) THE SIM CAR WILL LOCK UP ITSELF!**

RESET THE DEVICE RATHER THAN LOCK UP YOUR SIM CARD!

3. Controlling a device
    a) From the parsed information of the caller make decision whether or not the caller is
        authorized.
    b) If the caller is authorized, print "Authorized" and phonebook name entry to the LCD
    c) If the caller is unauthorized, print "Unauthorized" and caller number to the LCD

Make sure you show your results to the teacher!

If you get all these done and you still have time, ask the teacher for more things to do!