Exercise 4

Create a calculator, that implements the 4 basic operations: addition, subtraction, multiplication and division. The calculator should display information on how to use it. Use every component you did in the last 3 exercises. An additional component you must use is the LCD display on the top of the board.

It uses *lcd.c* library and is initialized with `LCD_Init()`. Make sure that the corresponding files are present, and the header file is initialized in *main.c*.

To add information to this display, use `LCD_WriteStringAtPos(char[] str, int x, int y)` function. It work almost like `printf()` with a few differences. It takes as a first parameter a string, trying to display any other type of information will not work. Additionally, it takes a second parameter, the row where the information is displayed (0 for upper row and 1 for lower row). Lastly, you can also start displaying your string from the middle. The third parameter is the distance from the left side. Use 0 if you want your string to be displayed from the leftmost side.