Computer Systems Engineering I
HW Lab 2

Assignment 1:

Connect the keypad according to the wiring diagram and write a function that initializes the pins. Use brake points, a LED and the debugger to check if it works.

Assignment 2:

Write a function that returns an integer value witch key is pressed. Return 0 if "none" of the buttons is pressed. 1 if button "one" is pressed, 2 if button "two" is pressed and so on until 12 if button "#" is pressed. Use brake points and the debugger to check if it works.
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Assignment 3:

Connect the display according to the wiring diagram and write a function that initializes the pins and the display. Use brake points, a LED and the debugger to check if it works.

Assignment 4:

Write a function that prints the number from keypad to the display. Check by looking