| Name:   | Neptun code:   | Homework code:   |
|---|--|--|
| Homework assignment 2 – Assembly programming – Front page   |  |  |
| The work can be submitted at any time before the deadline to the lecturer. Please give detailed information about the process of the design work. Final results without appropriate reasoning will be rejected. You shall write the homework documentation on your computer, for the submission you have to print it out. Please use clean, blank (without lines) A4 papers for your work (everyone!). As you are going to be an engineer, we require a clean, tidy work. Untidy, illegible works will be rejected. |  |  |
| <b>DEADLINE</b> (no late submissions!): laboratory on the 30th of November, 10:00.  |  |  |
| (the same as in homework #1 a. (Preparation: no assembly code is <=4 if the digit is odd memory at a given address a smallest value.  If the first digit of your code find the second largest value if it is even, you have to find The code have to show the restrict the sum of the remaining for the homework assignment.  | code is needed, you just have to select you you have to find the second smallest valued a given length. If it is even, you have is >4, then you subtract it from 8. If the run an array stored in the data memory at a genthe <i>index</i> of the second largest value. Stulting value on the LEDs. Tay is the sum of the 2nd, 3rd, 4th digit of you | our task) If the first digit of your lue in an array stored in the data to find the <i>index</i> of the second resulting digit is odd you have to given address and a given length.  The length of the data in the array is different. You can |
| Based on the earlier rule and your code the task is:  |  |  |
| <ul><li> (Optional: If it helps you: a</li><li> The assembly program code</li></ul>   |  |  |
|   | T 10 T   |  |

I verify that I will work alone, the homework submission is my own work:

(signature)