CSE 101 INTRODUCTION to COMPUTER SCIENCE
Homework #02

Due date: 06.11.2018   23:55

1) Write an assembly program which takes an input as an integer number (you should assign the number into one register or memory space). The program will calculate factorial of the number (only for 1, 2, 3, 4, and 5). You should show result on SimpSim display.
Add a screenshot as a .png file. Upload your .asm file on moodle. The file name should be in the same in the form of :
number_name_surname (ex: 181041001_ozgu_goksu_part1.asm).
Ex: Given number 3
Display: Result 6

If you do not show your results on the display, you will lose point.

2) Write an assembly program which takes a string. The program will show the reverse string on display. You should show result on SimpSim display.
Add a screenshot as a .png file. Upload your .asm file on moodle. The file name should be in the same in the form of :
number_name_surname (ex: 181041001_ozgu_goksu_part2.asm).
Ex: Given string "test"
Display: "tset"
If you do not show your results on the display, you will lose point.

3) Write your name in binary form using ASCII table.

4) 4AA	501	78C	997	10101111
F12	4B3	1A3	01E	11110010
+	+	-	-	+

Part 3 and Part 4 should be .pdf file. Upload your .pdf file on moodle. The file name should be in the same in the form of :
number_name_surname (ex: 181041001_ozgu_goksu.pdf).

PS: If you have any question about hw, send e-mail to ogoksu@gtu.edu.tr

If you upload wrong file formats on moodle. You will lose point. Be careful!

Good Luck!