

CSE107 - Lab04 Task

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30 October 2020

Complete the task described below by using VizMachine and submit the screenshot(s) of the 'program' section of it which shows all of the instructions you wrote.

You should write a program which visualize your first name (only first name, not middle name or surname) on the screen with capital letters. After this visualization, the program should visualize it again with small letters. To do this, you need to use ASCII table. You are not allowed to make static assignments to registers or the main memory. Your program should print your name twice by using a single code segment. I.e. your program should:

- have a code segment which prints your name with capital letters
- turn back to the beginning of this code segment
- and write your name again with small letters
- and finally terminate

You are asked to figure out a way to create a loop by using JUMP instruction which works only once!

Please name your screenshot(s) as following:

yourID.png (ex: 1850144002.png)

or if you have more than 1 screenshots:

yourID_1.png, yourID_2.png etc.

Upload your file(s) to your section's submission page on moodle. There is also a submission page for the ones who are not belong to any section.

Good luck.

ASCII TABLE

DEC	Character	DEC	Character
65	Capital A	97	Small a
66	Capital B	98	Small b
67	Capital C	99	Small c
68	Capital D	100	Small d
69	Capital E	101	Small e
70	Capital F	102	Small f
71	Capital G	103	Small g
72	Capital H	104	Small h
73	Capital I	105	Small i
74	Capital J	106	Small j
75	Capital K	107	Small k
76	Capital L	108	Small l
77	Capital M	109	Small m
78	Capital N	110	Small n
79	Capital O	111	Small o
80	Capital P	112	Small p
81	Capital Q	113	Small q
82	Capital R	114	Small r
83	Capital S	115	Small s
84	Capital T	116	Small t
85	Capital U	117	Small u
86	Capital V	118	Small v
87	Capital W	119	Small w
88	Capital X	120	Small x
89	Capital Y	121	Small y
90	Capital Z	122	Small z