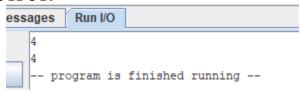
LAB TASK

1. Where (to which window) is the output data displayed?

OUTPUT:



2. Write down the address of the first instruction of the program (see the text window)

OUTPUT:

Address	Code	Basic	
0x00400000	0x24020005	addiu \$2,\$0,0x00000005	6: li \$v0,5
0**00400004	0**00000000	arraga 11	7. 0000011

3. Write down the value of the register \$sp just before you start the program.

OUTPUT:

\$sp	29	0x7fffeffc

4. Write down the values of \$a0 and \$v0 after execution in Register window and why?

OUTPUT:

\$v0	2	0x0000000a
\$v1	3	0x00000000
\$ a 0	4	0x00000041

5. Write an assembly program that Read and Print character.

SOLUTION:

.text

.global main

main:

li \$v0,12

syscall

move \$a0,\$v0

li \$v0,11

syscall

li \$v0,10

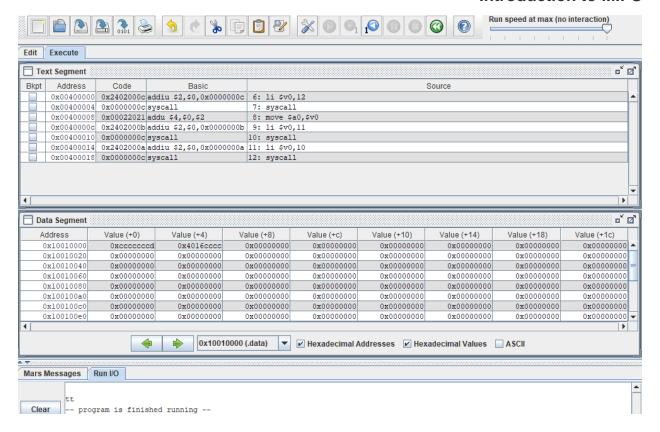
syscall

OUTPUT:

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Lab no 04

Computer Architecture and logic design Introduction to MIPS



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