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	∩t I\/I <i>\</i>	ARS - Edit S	ACTI	On	
	01 141 <i>F</i>	AND - Luit 3	CCLI	OH	
_					
D:\UserData\成臣\計	·算機組織 (TA)\Labs\Lab1\code\Part-A\f	actorials - MARS 4.5			- 0 ×
		Prin space	ed at max (no interaction)		
	13 3 9 6 % 15	D & Sun spec	at max (no interaction)		
Edit Execute		37 11 1	Registers Coproc 1 Coproc 0		
factorial.s		Your assembly code	Name	Number	Value
data			a Spero	0	0±0000000
W4201			Sat Sv0	2	0±000000
msgl: .ascii	iz "Please input n = ?		\$v1	3	0±0000000
msg2: .asciiz "\nThe result of factorial(n) is : "			\$a0 \$a1	4	0±0000000
moga.	L' MINO ICSUIT OF THE		\$62	6	0±0000000
			\$6.3	7	0±0000000
.text			\$t0 \$t1	8	0±0000000
PROPERTY OF THE			\$12	10	0±0000000
.globl main			\$13	11	0±0000000
#	main	****	\$14	12 13	0±0000000
main:			\$16	14	0±0000000
S1000000			\$t7 \$s0	15 16	0±0000000
# print msg1 on the console interface		\$01	16	0±0000000	
1,000	1i Sv0, 4	# call system call: print string	\$62	18	0±0000000
			\$03 \$54	19 20	0±0000000
	la \$a0, msgl	# load address of string into \$a0	\$15	20	02000000
	syscall	# run the syscall	\$16	22	0±0000000
	The second second		\$107 \$18	23 24	0±0000000
1		1)	\$19	25	0±00000000
Line: 1 Column: 1 Sho	w Line Numbers		\$k0	26	0±0000000
AT			Sk1 Sep	27 28	0±0000000 0±1000800
Mars Messages Run IO			Sup	29	0x7fffeff
1000	Marie Co.		Sfp	30	0±0000000
			\$ra pc	31	0±0000000 0±0040000
			hi		0±0000000
Clear			10	9	0x0000000
100					













