### Practica 1 - Subrutinas

5 de septiembre de 2011

ORG	3000H	; Subrutina MUL	ORG	2000H ; Programa Principal		7FEE
MUL:	PUSH	BX	MOV	AX, NUM1		ł
	MOV	BX, SP	PUSH	AX		7FF0
	PUSH	CX	MOV	AX, NUM2		
	PUSH	AX	PUSH	AX		7FF2
	PUSH	DX	MOV	AX, OFFSET RES		/
	ADD	BX, 6	PUSH	AX		7FF4
	MOV	CX, [BX]	MOV	DX, 0		1/114
	MOV	BX, [BX]	CALL	MUL		7FF6
	ADD	BX, 2	P0P	AX		///0
	MOV	AX, [BX]	POP	AX		7FF8
SUMA:	ADD	DX, AX	P0P	AX		////
	DEC	CX	HLT			1
	JNZ	SUMA	END			7FFA
	SUB	BX, 4				1
	MOV	AX, [BX]				7FFC
	MOV	BX, AX				1
	MOV	[BX], DX				7FFE
	P0P	DX			CD	1
	POP	AX			SP >	8000
	POP	CX			_	10000
	POP	BX				
	RET				DV	

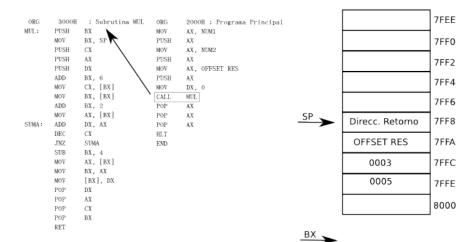
ORG	3000H	; Subrutina MUL	ORG	2000H ; Programa Principal			7FEE
MUL:	PUSH	BX	MOV	AX, NUM1			1
	MOV	BX, SP	PUSH	AX			7FF0
	PUSH	CX	MOV	AX, NUM2			1
	PUSH	AX	PUSH	AX			7FF2
	PUSH	DX	MOV	AX, OFFSET RES			1 ′ ′ · · -
	ADD	BX, 6	PUSH	AX			7FF4
	MOV	CX, [BX]	MOV	DX, 0			]′''
	MOV	BX, [BX]	CALL	MUL			7FF6
	ADD	BX, 2	P0P	AX			///0
	MOV	AX, [BX]	POP	AX			7FF8
SUMA:	ADD	DX, AX	P0P	AX			////
	DEC	CX	HLT				1
	JNZ	SUMA	END				7FFA
	SUB	BX, 4					1
	MOV	AX, [BX]					7FFC
	MOV	BX, AX			CD		1
	MOV	[BX], DX			SP >	0005	7FFE
	POP	DX					
	POP	AX					0000
	POP	CX					8000
	POP	BX					-
	RET						

BX >

ORG	3000H	; Subrutina MUL	ORG	2000H ; Programa Principal			7FEE
MUL:	PUSH	BX	MOV	AX. NUM1			
1402	MOV	BX, SP	PUSH	AX			7FF0
	PUSH	CX	MOV	AX, NUM2			
	PUSH	AX	PUSH	AX			7FF2
	PUSH	DX	MOV	AX, OFFSET RES			//ГГ2
	ADD	BX, 6	PUSH	AX			7FF4
	MOV	CX, [BX]	MOV	DX, 0			J / F F 4
	MOV	BX, [BX]	CALL	MUL			7FF6
	ADD	BX, 2	P0P	AX			7776
	MOV	AX, [BX]	P0P	AX			7FF8
SUMA:	ADD	DX, AX	P0P	AX			1/110
	DEC	CX	HLT				٦
	JNZ	SUMA	END				7FFA
	SUB	BX, 4			SP		⊣
	MOV	AX, [BX]			<del></del>	0003	7FFC
	MOV	BX, AX					-
	MOV	[BX], DX				0005	7FFE
	P0P	DX					4
	POP	AX					8000
	P0P	CX					
	POP	BX					
	RET				BX		

ORG	3000H	; Subrutina MUL	ORG	2000H ; Programa Principal			7FEE
MUL:	PUSH	BX	MOV	AX, NUM1			1
	MOV	BX, SP	PUSH	AX			7FF0
	PUSH	CX	MOV	AX, NUM2			1
	PUSH	AX	PUSH	AX			7FF2
	PUSH	DX	MOV	AX, OFFSET RES			1 ′ ′ · · · -
	ADD	BX, 6	PUSH	AX			7FF4
	MOV	CX, [BX]	MOV	DX, 0			] / ' ' ' 4
	MOV	BX, [BX]	CALL	MUL			7FF6
	ADD	BX, 2	P0P	AX			1/110
	MOV	AX, [BX]	POP	AX			7FF8
SUMA:	ADD	DX, AX	P0P	AX			1/110
	DEC	CX	HLT		SP 👤	OFFICET DEC	1
	JNZ	SUMA	END		<del></del>	OFFSET RES	7FFA
	SUB	BX, 4					1
	MOV	AX, [BX]				0003	7FFC
	MOV	BX, AX					4
	MOV	[BX], DX				0005	7FFE
	P0P	DX					4
	POP	AX					8000
	POP	CX					70000
	POP	BX					
	RET						

BX >



ORG 3000H ; Subrutina MUL ORG 2000H ; Pro	grama Principal 7FEE
MUL: PUSH BX MOV AX, NUM1	<del>                                     </del>
MOV BX, SP PUSH AX	7FF0
PUSH CX MOV AX, NUM2	<del></del>
PUSH AX PUSH AX	7FF2
PUSH DX MOV AX, OFFSET	RES
ADD BX, 6 PUSH AX	7FF4
MOV CX, [BX] MOV DX, 0	
MOV BX, [BX] CALL MUL	SP Valor de BX 7FF6
ADD BX, 2 POP AX	Valor de BX 7110
MOV AX, [BX] POP AX	Direcc. Retorno 7FF8
SUMA: ADD DX, AX POP AX	Birece: Retorno 7110
DEC CX HLT	OFFSET RES 7FFA
JNZ SUMA END	OFFSET RES / FFA
SUB BX, 4	3000
MOV AX, [BX] MOV BX, AX	0003 7FFC
	0005
MOV [BX], DX POP DX	0005 7FFE
POP AX	<del></del>
POP CX	8000
	1 10000
POP BX	8000

