

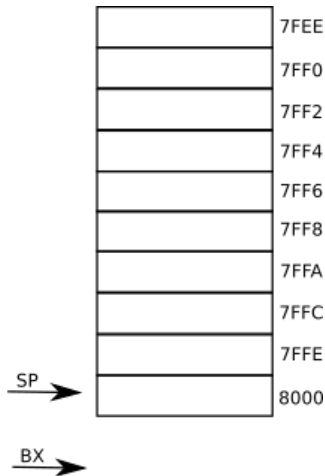
# Practica 1 - Subrutinas

18 de agosto de 2017

# Subrutinas

```
ORG 3000H ; Subrutina MUL
MUL: PUSH BX
    MOV BX, SP
    PUSH CX
    PUSH AX
    PUSH DX
    ADD BX, 6
    MOV CX, [BX]
    MOV BX, [BX]
    ADD BX, 2
    MOV AX, [BX]
SUMA: ADD DX, AX
    DEC CX
    JNZ SUMA
    SUB BX, 4
    MOV AX, [BX]
    MOV BX, AX
    MOV [BX], DX
    POP DX
    POP AX
    POP CX
    POP BX
    RET

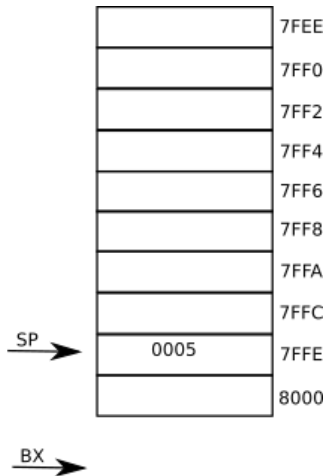
ORG 2000H ; Programa Principal
MOV AX, NUM1
PUSH AX
MOV AX, NUM2
PUSH AX
MOV AX, OFFSET RES
PUSH AX
MOV DX, 0
CALL MUL
POP AX
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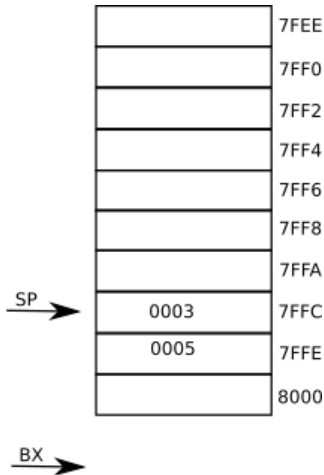
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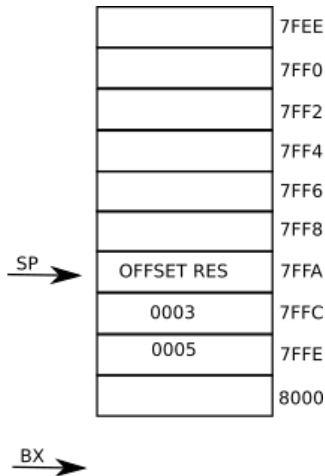
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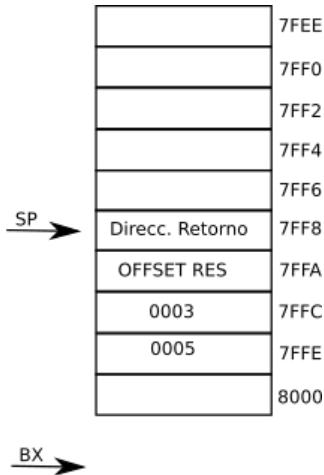

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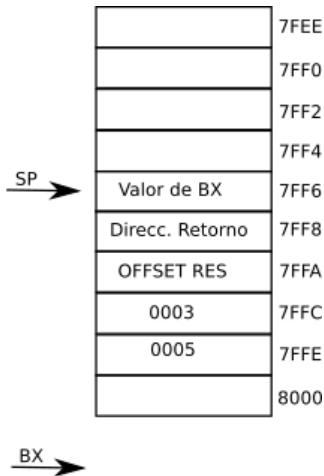
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	7FEE
	7FF0
	7FF2
	7FF4
Valor de BX	7FF6
Direcc. Retorno	7FF8
OFFSET RES	7FFA
0003	7FFC
0005	7FFE
	8000



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SP →


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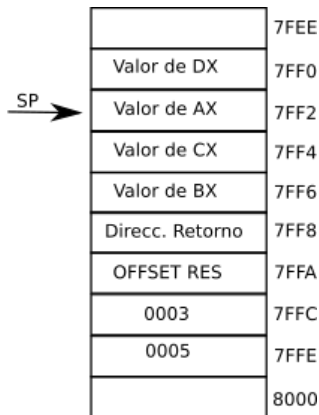
		7FEE
	Valor de DX	7FF0
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 BX

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BX →



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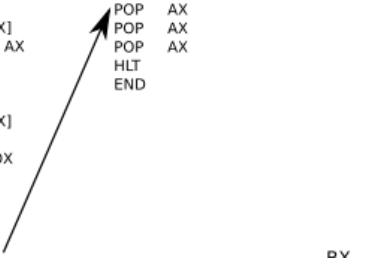
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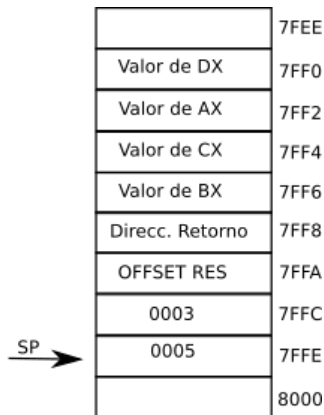
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