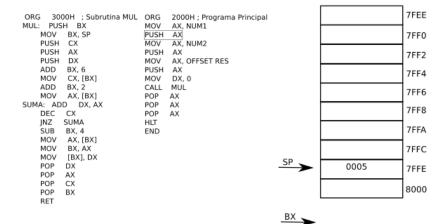
Practica 1 - Subrutinas

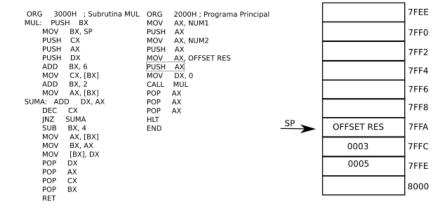
27 de agosto de 2019

```
7FEE
ORG 3000H ; Subrutina MUL ORG
                                2000H; Programa Principal
MUL: PUSH BX
                          MOV
                                AX, NUM1
   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
   ADD
         BX, 2
                          CALL
                               MUL
                                                                                   7FF6
   MOV
         AX, [BX]
                          POP
                               AX
SUMA: ADD DX. AX
                          POP
                               AX
                                                                                   7FF8
   DEC
        CX
                          POP
                               AX
   INZ
        SUMA
                          HLT
                                                                                   7FFA
   SUB
         BX, 4
                          END
   MOV
         AX. [BX]
   MOV
         BX. AX
                                                                                   7FFC
   MOV
         [BX], DX
   POP
         DX
                                                                                   7FFE
   POP
         AX
   POP
         CX
                                                                                   8000
   POP
         BX
   RET
                                                       BX 🔪
```



```
7FEE
ORG 3000H ; Subrutina MUL ORG
                                2000H; Programa Principal
MUL: PUSH BX
                          MOV
                                AX, NUM1
   MOV
         BX, SP
                          PUSH
                                AX
                                                                                    7FF0
   PUSH CX
                          MOV
                                AX, NUM2
                                AX
   PUSH
         AX
                          PUSH
                                                                                    7FF2
   PUSH
         DX
                          MOV
                                AX, OFFSET RES
   ADD
         BX. 6
                          PUSH
                                AX
                                                                                    7FF4
   MOV CX, [BX]
                          MOV
                               DX, 0
   ADD
         BX, 2
                          CALL
                               MUL
                                                                                    7FF6
   MOV
         AX, [BX]
                          POP
                                AX
SUMA: ADD DX. AX
                                AX
                          POP
                                                                                    7FF8
   DEC
        CX
                          POP
                               AX
   INZ
        SUMA
                          HLT
                                                                                    7FFA
   SUB
         BX, 4
                          END
   MOV
         AX. [BX]
   MOV
         BX. AX
                                                                       0003
                                                                                    7FFC
   MOV
         [BX], DX
   POP
         DX
                                                                       0005
                                                                                    7FFE
   POP
         AX
   POP
         CX
                                                                                    8000
   POP
         BX
   RET
```





BX 🔪

