

2013210111 남세현

AX=0B41	BX=0000	CX=0064	DX=0000	SP=0040	BP=0000	SI=0000	DI=0000
DS=0B41	ES=0B2D	SS=0B3D	CS=0B42	IP=0005	NU	UP	EI PL NZ NA PO NC
0B42:0005 A10000		MOV		AX,[0000]		DS:0000=00D7	
-t							
AX=00D7	BX=0000	CX=0064	DX=0000	SP=0040	BP=0000	SI=0000	DI=0000
DS=0B41	ES=0B2D	SS=0B3D	CS=0B42	IP=0008	NU	UP	EI PL NZ NA PO NC
0B42:0008 03060200		ADD		AX,[0002]		DS:0002=007D	

위 MOV에 의해 AX에 0x0D7 값이 복사되고, ADD로 AX 0x007D가 더해졌다.

그러면 현재 AX에는

```
AX=0154 BX=0000 CX=0064 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0B41 ES=0B2D SS=0B3D CS=0B42 IP=000C  NU UP EI PL NZ AC PO NC
0B42:000C A30400      MOV     [0004],AX                DS:0004=0000
```

상단 좌측에서 확인할 수 있듯, 0x0154 값이 들어가있다 (0x00D7 + 0x007D = 0x0154)

Mov [0004], AX를 실행하고 나면

```

C:\WINDOWS\system32\cmd.exe - debug HW1.EXE

00B41:0000  00 00 00 00-00 00 00 00 00 00 00 00 00 00 00 00  .A.....
00B41:0010  B8 41 0B 8E D8 A1 00 00-03 06 02 00 A3 04 00 B8  .A.....
00B41:0020  00 4C CD 21 FA 83 C4 06-0A C0 75 03 E9 7B FF 5E  .L.!.u.<^
00B41:0030  8B E5 5D C3 83 3E 56 07-20 72 0A B8 1C 04 50 E8  .l.>U.r...P.
00B41:0040  62 44 83 C4 02 B8 FF FF-50 B8 05 00 50 8D 86 7A  bD....P...P..z
00B41:0050  FE 50 E8 4B 10 83 C4 06-8B 1E 56 07 D1 E3 D1 E3  .P.K.....U...
00B41:0060  A1 3A 21 8B 16 3C 21 89-87 BE 22 89 97 C0 22 80  .:!.<!. "...
00B41:0070  3E 45 07 00 74 0A FF 36-56 07 E8 21 FC 83 C4 02  >E..t..6U..?...
00B41:0080  FF 06 56 07                                     ..U.

AX=0154 BX=0000 CX=0064 DX=0000 SP=0040 BP=0000 SI=0000 DI=0000
DS=0B41 ES=0B2D SS=0B3D CS=0B42 IP=000F  NU UP EI PL NZ AC PO NC
00B42:000F B8004C MOV AX,4C00
-d ds:0004
00B41:0000  54 01 00 00-00 00 00 00 00 00 00 00 00 00 00  .T.....
00B41:0010  B8 41 0B 8E D8 A1 00 00-03 06 02 00 A3 04 00 B8  .A.....
00B41:0020  00 4C CD 21 FA 83 C4 06-0A C0 75 03 E9 7B FF 5E  .L.!.u.<^
00B41:0030  8B E5 5D C3 83 3E 56 07-20 72 0A B8 1C 04 50 E8  .l.>U.r...P.
00B41:0040  62 44 83 C4 02 B8 FF FF-50 B8 05 00 50 8D 86 7A  bD....P...P..z
00B41:0050  FE 50 E8 4B 10 83 C4 06-8B 1E 56 07 D1 E3 D1 E3  .P.K.....U...
00B41:0060  A1 3A 21 8B 16 3C 21 89-87 BE 22 89 97 C0 22 80  .:!.<!. "...
00B41:0070  3E 45 07 00 74 0A FF 36-56 07 E8 21 FC 83 C4 02  >E..t..6U..?...
00B41:0080  FF 06 56 07                                     ..U.

```

위 화면에서 보면, ds:0004 의 2바이트가 0x0154 로 되어있음을 알 수 있다.

이 값은 ds:0000 와 ds:0002의 값이 더해진, 즉  $215 + 125 = 340$ 의 hex값인 0x154이다.