Registers

```
EAX = 44414243 EBX = BCBFBEBD
```

100 %

Memory 1 | Registers | Watch 1

peter_ruszel_260_assign5.asm

```
1   .386
2   .model flat,stdcall
3   .stack 4096
4   ExitProcess proto,dwEx
5
6   .data
7       var1 BYTE 'A'
8       var2 BYTE 'B'
9       var3 BYTE 'C'
10      var4 BYTE 'D'
11
12  .code
13  main proc
14
15      ; Phase 1
16      ;----------------
17      mov AH, var1
18      mov AL, var2
19      mov var2, AH
```

Registers

```
EAX = 4F4C4D4E EBX = B1B4B3B2
```

100 %

Memory 1 | Registers | Watch 1

peter_ruszel_260_assign5.asm

```
1   .386
2   .model flat,stdcall
3   .stack 4096
4   ExitProcess proto,dwExi
5
6   .data
7       var1 BYTE 'L'
8       var2 BYTE 'M'
9       var3 BYTE 'N'
10      var4 BYTE 'O'
11
12  .code
13  main proc
14
15      ; Phase 1
16      ;-----------------
17      mov AH, var1
18      mov AL, var2
19      mov var2, AH
```

Registers

```
EAX = 43414341 EBX = BDBFBDBF E
```

100 %

Memory 1 | Registers | Watch 1

peter_ruszel_260_assign5.asm

```
1   .386
2   .model flat,stdcall
3   .stack 4096
4   ExitProcess proto,dwExi
5
6   .data
7       var1 BYTE 'A'
8       var2 BYTE 'C'
9       var3 BYTE 'A'
10      var4 BYTE 'C'
11
12  .code
13  main proc
14
15      ; Phase 1
16      ;-----------------
17      mov AH, var1
18      mov AL, var2
19      mov var2, AH
```

Registers

```
EAX = 42344133 EBX = BECCBFCD
```

100 %

Memory 1 | Registers | Watch 1

peter_ruszel_260_assign5.asm

```
1   .386
2   .model flat,stdcall
3   .stack 4096
4   ExitProcess proto,dwExi
5
6   .data
7       var1 BYTE '4'
8       var2 BYTE 'A'
9       var3 BYTE '3'
10      var4 BYTE 'B'
11
12  .code
13  main proc
14
15      ; Phase 1
16      ;-----------------
17      mov AH, var1
18      mov AL, var2
```

Registers

```
EAX = 45454545 EBX = BBBBBBBB
```

100 %

Memory 1 | Registers | Watch 1

peter_ruszel_260_assign5.asm

```
1   .386
2   .model flat,stdcall
3   .stack 4096
4   ExitProcess proto,dwExi
5
6   .data
7       var1 BYTE 'E'
8       var2 BYTE 'E'
9       var3 BYTE 'E'
10      var4 BYTE 'E'
11
12  .code
13  main proc
14
15      ; Phase 1
16      ;-----------------
17      mov AH, var1
18      mov AL, var2
19      mov var2, AH
```