Move : M [range list] New address

This command can be used to *a block* of Memory to the new location of memory.

Examples:

Fill the locations of memory with a string "cyber security" starting at location 100h. Move 1 Kbyte of memory that located at address 100 to the address 600
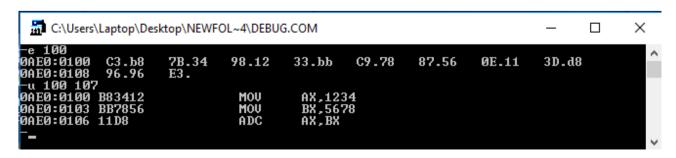
- M 100 4ff 600

```
-m 100 4ff 600
-d 100
0AE0:0100  C3 7B 98 33 C9 87 0E 3D-96 E3 F3 FF 06 3D 99 80  .{.3...=.....=..
0AE0:0110  3E 3B 99 00 75 35 33 D2-1E 8E 1E 1C 96 B4 40 CD  >;..u53.......@.
0AE0:0120  21 1F BA F0 89 73 03 E9-4E FF 2B C8 74 D0 F6 06  !....s..N.+.t...
0AE0:0130  7D 98 80 74 39 F6 06 7D-98 20 75 0A 80 3E 3A 99  }..t9..}. u..>:.
0AE0:0140  00 75 BB 49 74 B8 BA 73-8B EB 23 33 D2 87 D1 B8  .u.It..s..#3....
0AE0:0150  01 42 CD 21 A3 47 99 89-16 49 99 80 3E 2D 96 00  .B.!.G...I..>-..
0AE0:0160  74 9C B4 40 CD 21 72 5F-C6 06 4B 99 1A C3 E8 CE  t..@.!r_..K.....
0AE0:0170  0F FE 06 3A 96 80 3E 39-96 00 74 48 8B 1E 7B 98  ...:..>9..tH..{.
-d 600
0AE0:0600  C3 7B 98 33 C9 87 0E 3D-96 E3 F3 FF 06 3D 99 80  .{.3...=.....=..
0AE0:0610  3E 3B 99 00 75 35 33 D2-1E 8E 1E 1C 96 B4 40 CD  >;..u53.......@.
0AE0:0620  21 1F BA F0 89 73 03 E9-4E FF 2B C8 74 D0 F6 06  !....s..N.+.t...
0AE0:0630  7D 98 80 74 39 F6 06 7D-98 20 75 0A 80 3E 3A 99  }..t9..}. u..>:.
0AE0:0640  00 75 BB 49 74 B8 BA 73-8B EB 23 33 D2 87 D1 B8  .u.It..s..#3....
0AE0:0650  01 42 CD 21 A3 47 99 89-16 49 99 80 3E 2D 96 00  .B.!.G...I..>-..
0AE0:0660  74 9C B4 40 CD 21 72 5F-C6 06 4B 99 1A C3 E8 CE  t..@.!r_..K.....
0AE0:0670  0F FE 06 3A 96 80 3E 39-96 00 74 48 8B 1E 7B 98  ...:..>9..tH..{.
```

Unassemble: U [range address]

The command is used to convert machine instructions into 8086 assembly language. The Here's an example of how we can use U command:

- U 100 107

```
-e 100
0AE0:0100  C3.b8   7B.34   98.12   33.bb   C9.78   87.56   0E.11   3D.d8
0AE0:0108  96.96   E3.
-u 100 107
0AE0:0100 B83412        MOV    AX,1234
0AE0:0103 BB7856        MOV    BX,5678
0AE0:0106 11D8          ADC    AX,BX
```

Using A command to apply all addressing mode

1. **Register Addressing Mode**
2. **Immediate Addressing Mode**
3. **Memory Addressing Mode**
4. **String Addressing Mode**
5. **I/O Addressing Mode**
6. **Implied Addressing Mode**