|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Address | Bytes | Final Value of Byte |
| A | 0x08000000 | **00 00 00 08** | 0C 00 00 08 |
| B | 0x08000004 | **04 00 00 08** |  |
| C | 0x08000008 | **fe ff ff ff** | 00 00 00 00 |
| D | 0x0800000C | **ff ff ff ff** | 02 00 00 00 |
| E | 0x08000010 | **00 00 00 00** | 05 00 00 00 |
| F | 0x08000014 | **01 00 00 00** | 18 00 00 08 |
| G | 0x08000018 | **02 03 04 05** |  |
| H | 0x0800001C | **33 35 31 00** |  |

|  |  |  |
| --- | --- | --- |
| C statements | Address(hex) | Value(hex) |
| A = B + 2; | 0x08000000 | 0x0800000C |
| C = (float) (\*A + F); | 0x08000008 | 0x00000000 |
| H = (xform \*) &B; | 0x0800001C | 0x08000004 |
| H->factor = &E + 2; | 0x08000014 | 0x08000018 |
| D = (int) \*((char \*)(H->factor)); | 0x0800000C | 0x00000002 |
| H->i[(D >> 1)][1] = D + 3; | 0x08000010 | 0x00000005 |