| Label | Size (bytes) | Decimal | Hex (0x) | Byte reversed | Memory Displacement (decimal) | Memory Displacement (hex) |
| --- | --- | --- | --- | --- | --- | --- |
| A | 1 | 33 | 21 | 21 | 0 | 00 |
| B | 2 | 35 | 0023 | 2300 | 1 | 01 |
| C | 4 | 123 | 0000 007B | 7B00 0000 | 3 | 03 |
| D | 4 | 29.695 | 41ED 45A1 | A145 ED41 | 7 | 07 |
| E | 2 | 32452 | 4CE7 | C47E | 11 | 0B |
| G | 20 | na | na | na | 0 | 00 |
| H | 50 | na | na | na | 20 | 14 |
| I | 60 | na | na | na | 70 | 46 |

Calculated memory displacement by counting how much space was being reserved for each variable.

Calculating floating point hex:

Sign bit = 0

11101

Fraction part = 0.659

0.659 \* 2 = 1.318 = .1

0.318 \* 2 = 0.636 = .10

0.636 \* 2 = 1.272 = .101

0.272 \* 2 = 0.544 = .1010

0.544 \* 2 = 1.088 = .10101

0.088 \* 2 = 0.176 = .101010

0.176 \* 2 = 0.352 = .1010100

0.352 \* 2 = 0.704 = .10101000

0.704 \* 2 = 1.408 = .101010001

0.408 \* 2 = 0.816 = .1010100010

0.816 \* 2 = 1.632 = .10101000101

0.632 \* 2 = 1.264 = .101010001011

0.264 \* 2 = 0.528 = .1010100010110

0.528 \* 2 = 1.056 = .10101000101101

0.056 \* 2 = 0.112 = .101010001011010

0.112 \* 2 = 0.224 = .1010100010110100

0.224 \* 2 = 0.448 = .10101000101101000

0.448 \* 2 = 0.896 = .101010001011010000

0.896 \* 2 = 1.792 = .1010100010110100001

1.11011010100010110100001

127 + 4 = 131

Exponent field = 10000011

0100 0001 1110 1101 0100 0101 1010 0001

4 1 E D 4 5 A 1

41ED45A1