

a4 CS2230, 1PM
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See TurnInScript, under Documents subfolder for log of console use.

I)

```
1) P1DIR:      0x0022    Found in program?: c058 0x4a0e4000 (r0 and x of
$c058....is that it?)
2) P1OUT:      0x0021    Found in program?: c05c 0x4a0e4000 (r0 and x of
$c05c...why is this the same for different values?)
3) str:        0x3f2
4) "A String": 0xc084    or 0x4a0e4000 (Not sure if correct??)
5) str_array:  0x3f6
6) a:          0x3f4
7) b:          0x3f5
8) tmp:        0x3ex
9) ptr1:       0x3ea
```

II)

```
1) Starts at: 0xc060 (Can be backed up by info provided by "info register" for
main.c:19)
   Ends at:   0xc066
2) Starts at: 0xc0ee (Can be backed up by info provided by "info register" for
swap.c:5)
   Ends at:   0xc0f6
```

III)

```
1) See the block of info registers. r14 and r15 become 03f5 and 03f4,
respectively.
   These are pointers to a and b, which were passed to be swapped.
2) See other block of info registers. Again, r14 and r15 become 03fb and 03f8.
```