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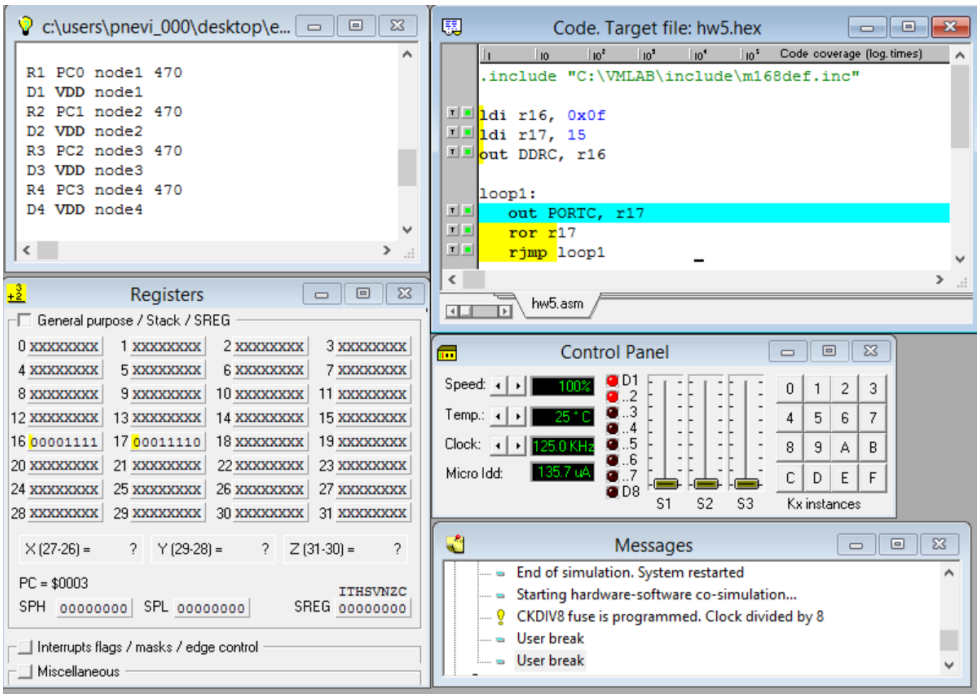
ENGR 271

HW5, Problem #1

Given: Write AVR code for a 4-bit Möbius counter on the first four diodes of VMLAB's Control Panel

Find: AVR Code for description above

Solution:

```
.include "C:\VMLAB\include\m168def.inc"

ldi r16, 0x0f

ldi r17, 15

out DDRC, r16

loop1:

        out PORTC, r17

        ror r17

        rjmp loop1
```