//

// main.c

// Lab1 Prep

//

// Created by Bryan Guner on 9/8/16.

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//

#include <stdio.h>

uint32\_t implementer, variant, partno, revision, reg\_val;int main(int argc, const char \* argv[]) {

#define NVIC\_CPUID\_BASE\_ADDR ( 0xe000ed00)

uint32\_t volatile \* my\_reg\_ptr;

my\_reg\_ptr = ( uint32\_t \*) NVIC\_CPUID\_BASE\_ADDR;

reg\_val = \*my\_reg\_ptr;

implementer = (reg\_val >> 24) & 0xFF;

variant = (reg\_val >> 20) & 0x7F;

partno = (reg\_val >> 4) & 0xFF;

revision = (reg\_val >> 0) & 0x7F;

#define CYREG\_PRT6\_DR 0x40005160u

}