## JOSEPH OKONOBOH, 013755064 COMPUTER SCIENCE CAL STATE LONG BEACH

CECS 285, Spring 2015 Section 1 (4344) HW #4, Due: 2015, March 16

Activity	1	TOGGLE:
ACUIVIUV		TOGGET.

MOV A, #55H ; A <- 01010101B MOV PO, A ; PO <- 01010101B MOV P1, A ; P1 <- 01010101B MOV P2, A ; P2 <- 01010101B

ACALL DELAY

MOV A, #OAAH ; A <- 10101010B MOV PO, A ; PO <- 10101010B MOV P1, A ; P1 <- 10101010B MOV P2, A ; P2 <- 10101010B

ACALL DELAY SJMP TOGGLE

DELAY:

MOV RO, #250 LOOPO: MOV R1, #164 LOOP1: DJNZ R1, LOOP1 DJNZ R0, LOOPO

RET

END

Activity 2. MOV PO, #0 ; PO = OUTPUT MOV P2, #0 ; P1 = OUTPUT

VOM A, P1 ; A <- P1 VOM PO, A ; PO <- P1 P2, A ; P2 <- P1 VOM RO, A ; RO <- P1 VOM VOM R1, A ; R1 <- P1  ${\tt VOM}$ R2, A ; R2 <- P1

END