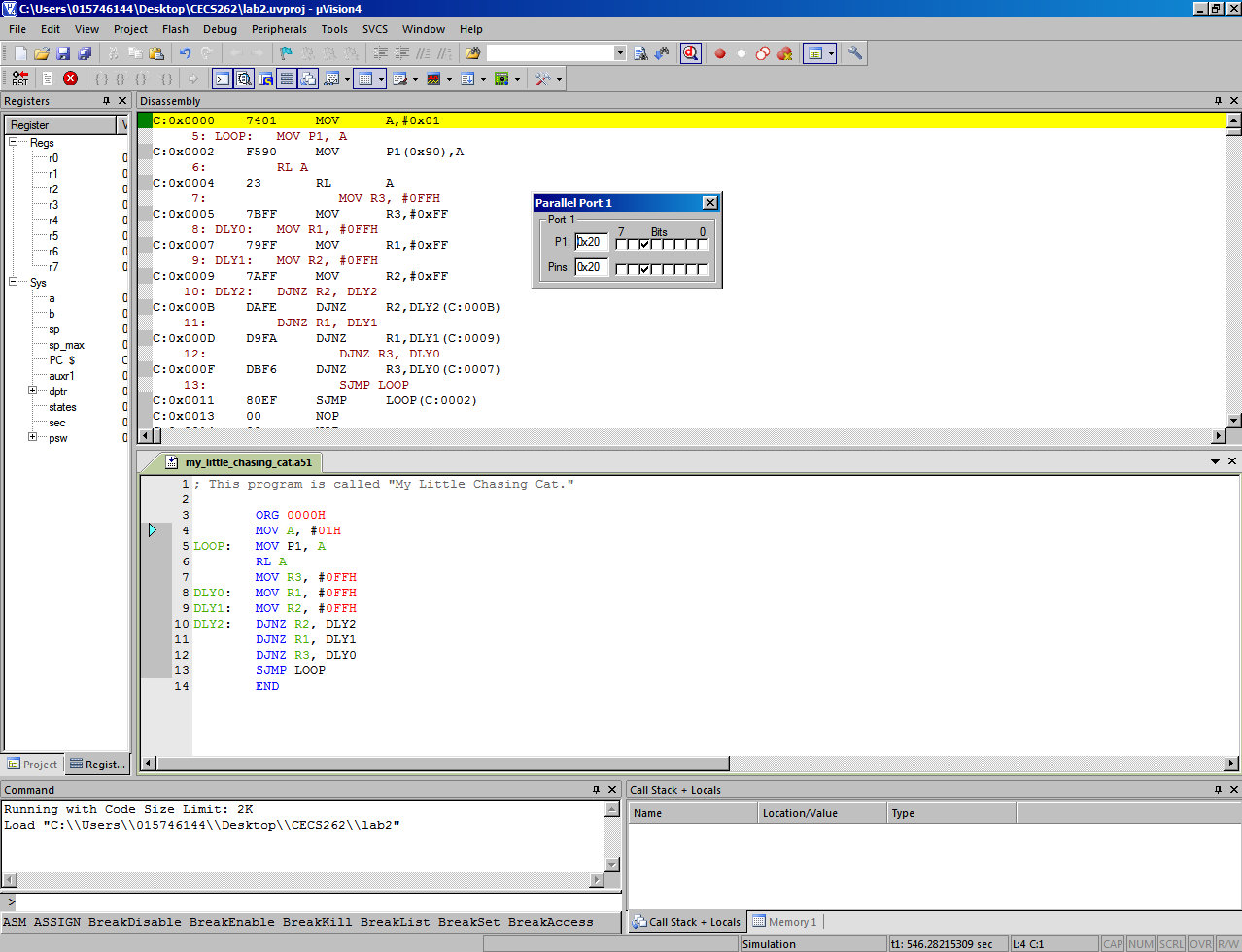
Lab 2

Naoaki Takatsu

CECS 262

Task A



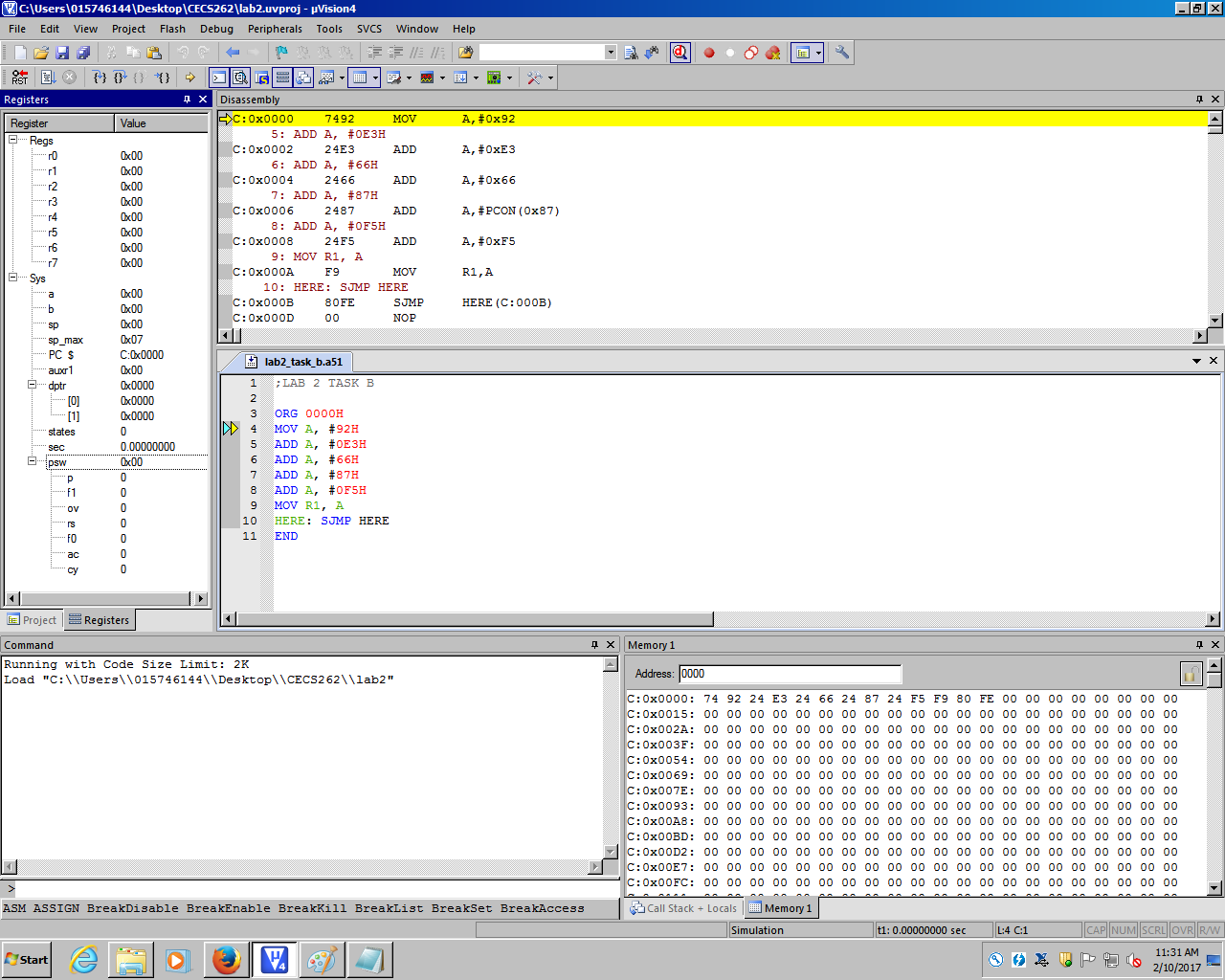
Task B

ORG 0000H

CY: 0

AC: 0

P: 0



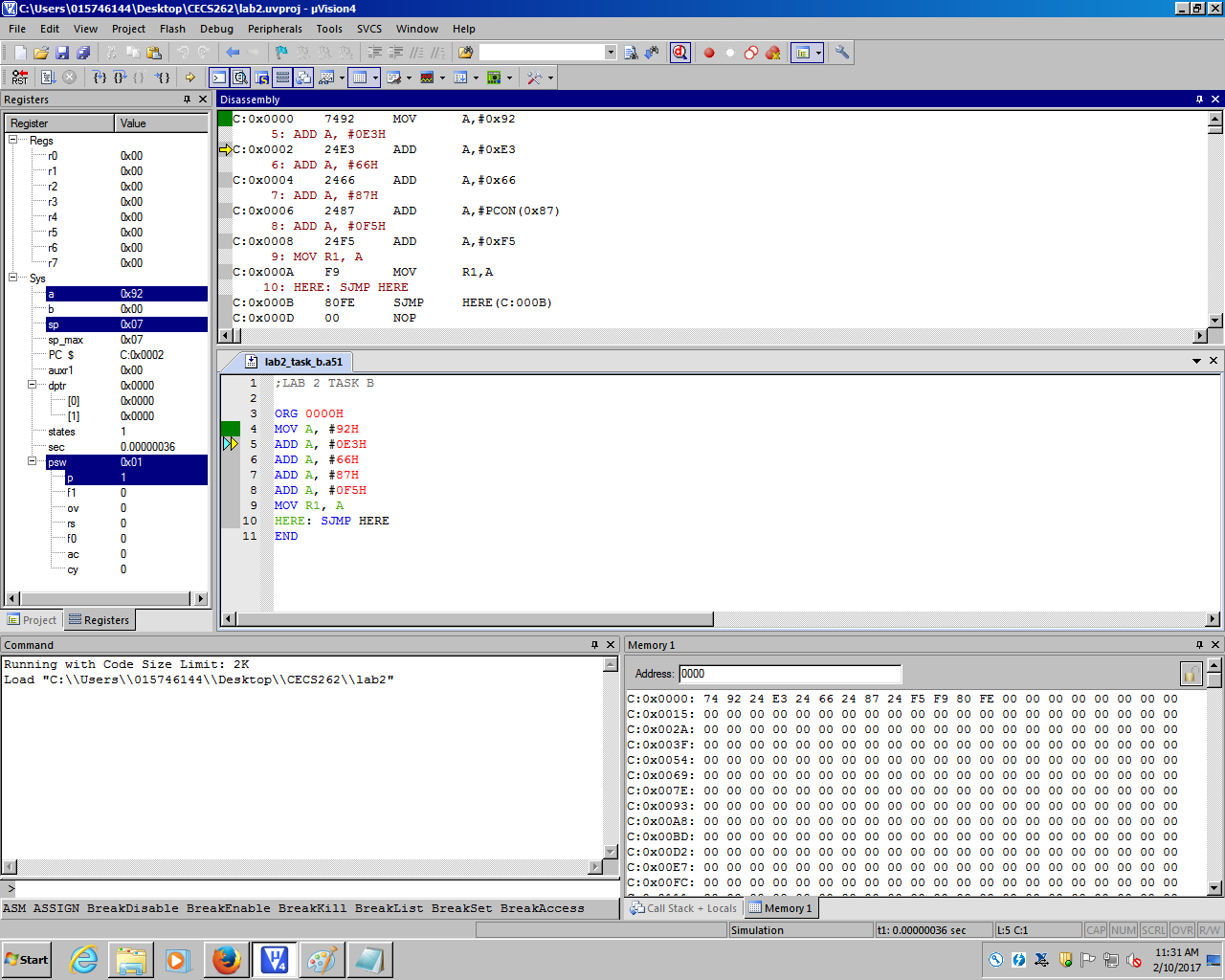
MOV A, #92H

A = 1001\_0010

CY: 0

AC: 0

P: 1



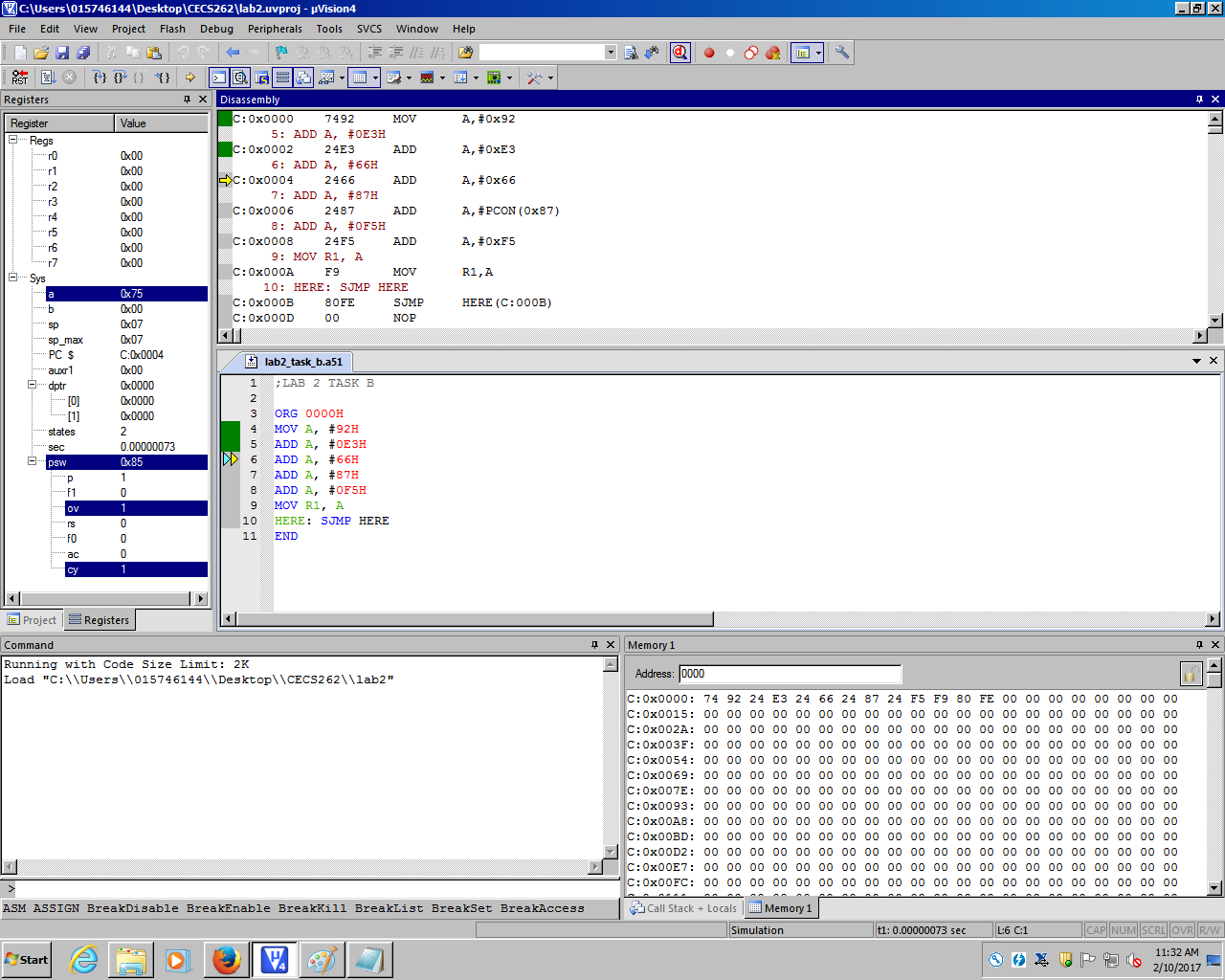
ADD A, #0E3H

A = 1001\_0010 + 1110\_0011 = 1\_0111\_0101

CY: 1

AC: 0

P: 1



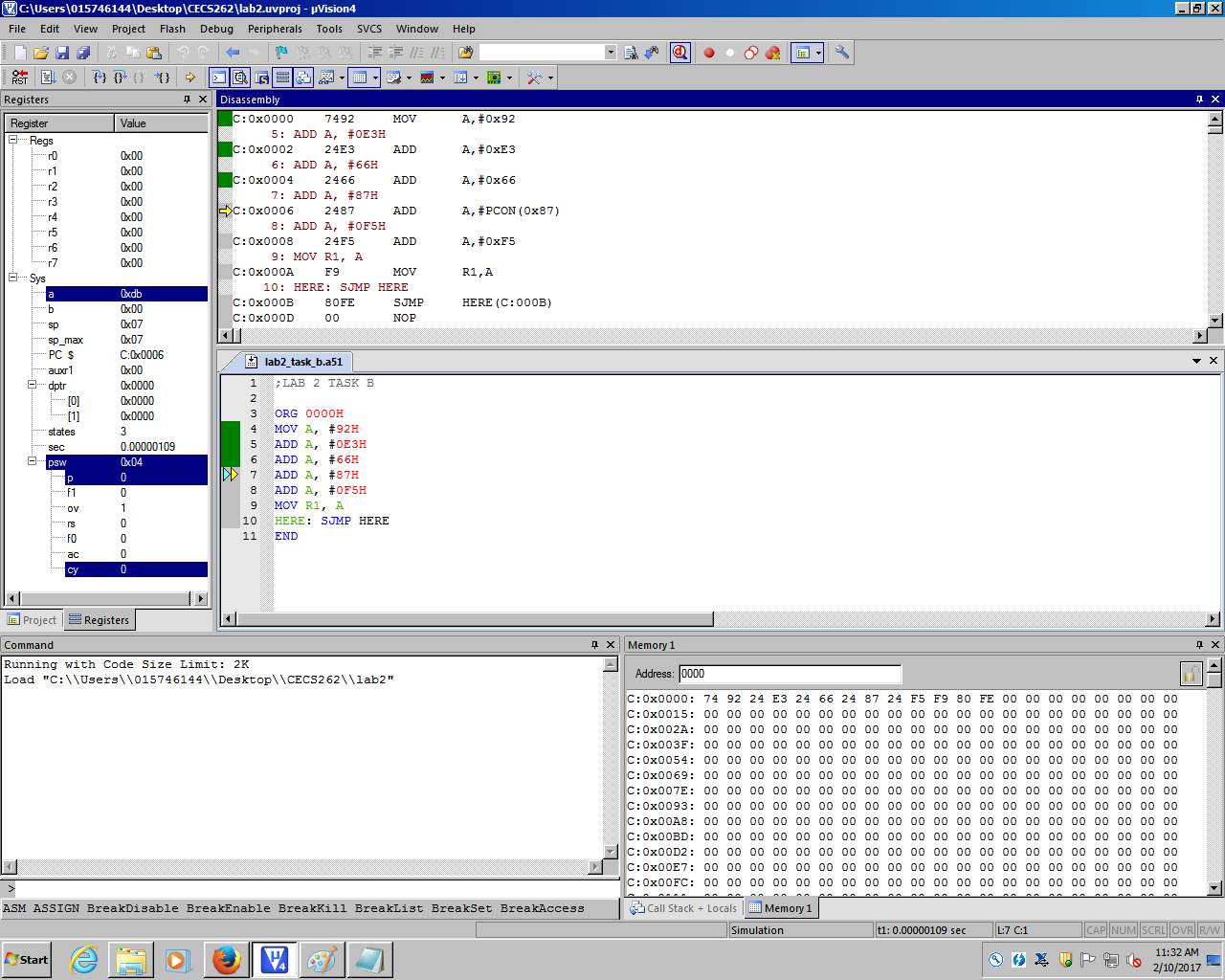
ADD A, #66H

A = 0111\_0101 + 0110\_0110 = 1101\_1011

CY: 0

AC: 0

P: 0



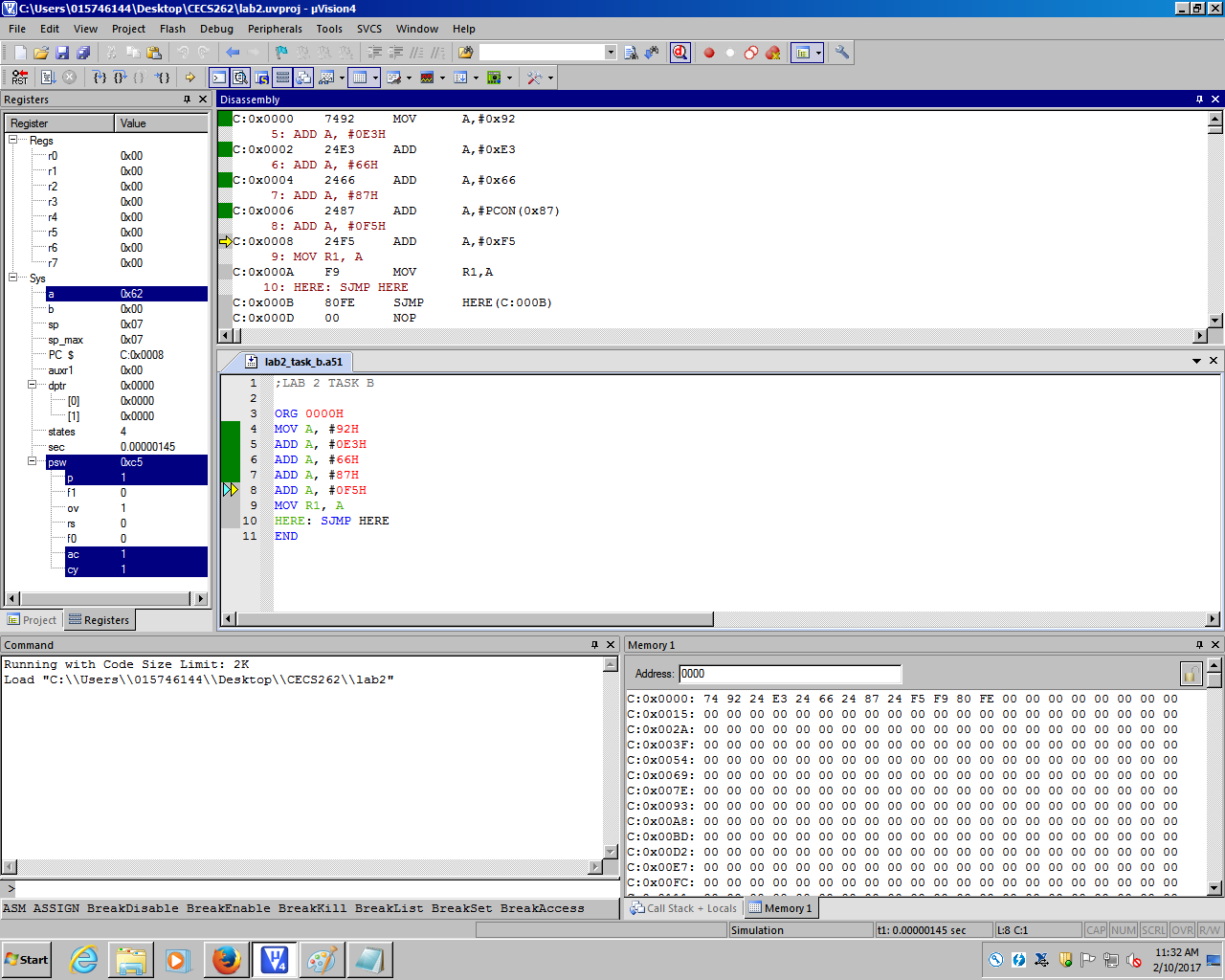
ADD A, #87H

A = 1101\_1011 + 1000\_0111 = 1\_0110\_0010

CY: 1

AC: 1

P: 1



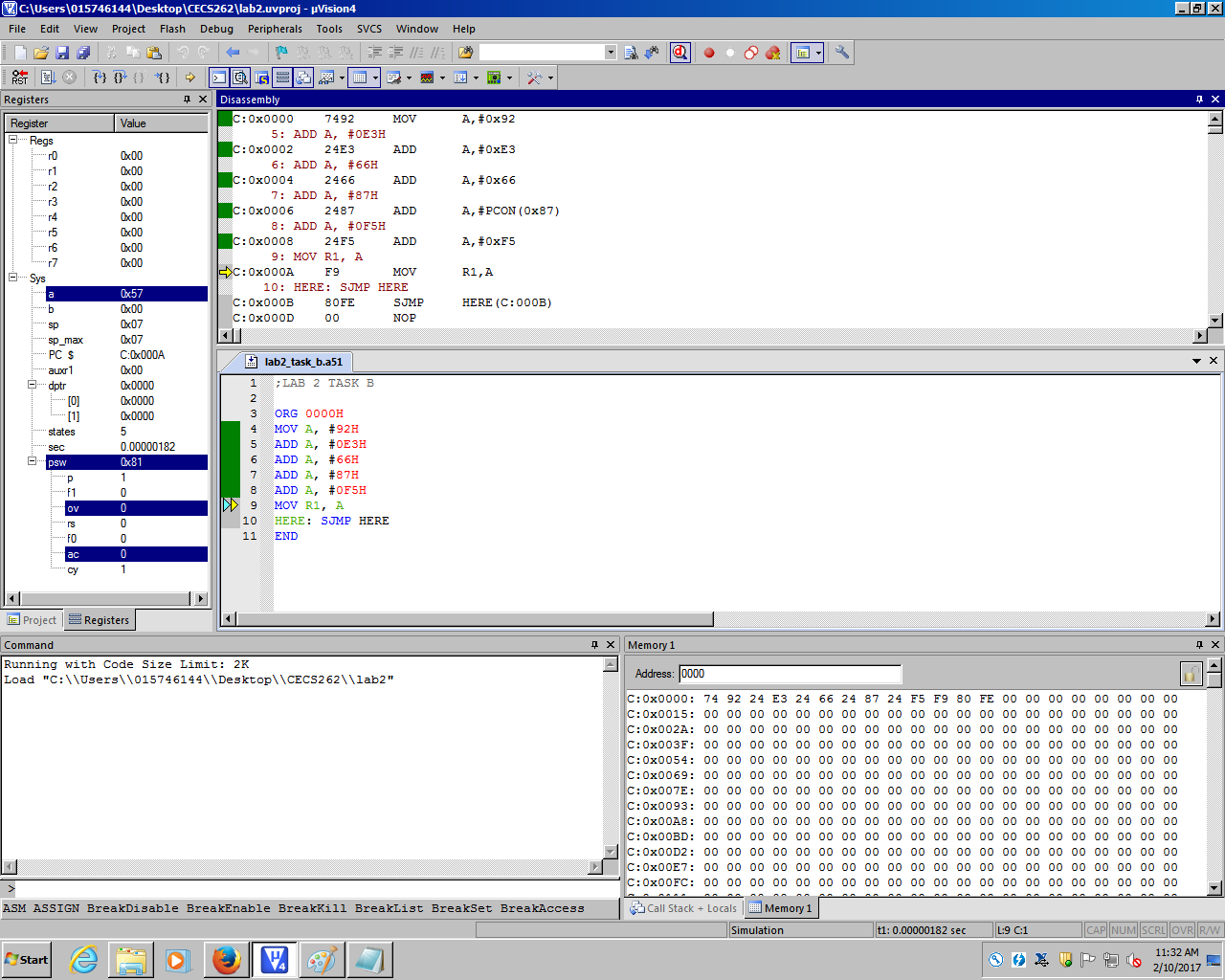
ADD A, #0F5H

A = 0110\_0010 + 1111\_0101 = 1\_0101\_0111

CY: 1

AC: 0

P: 1



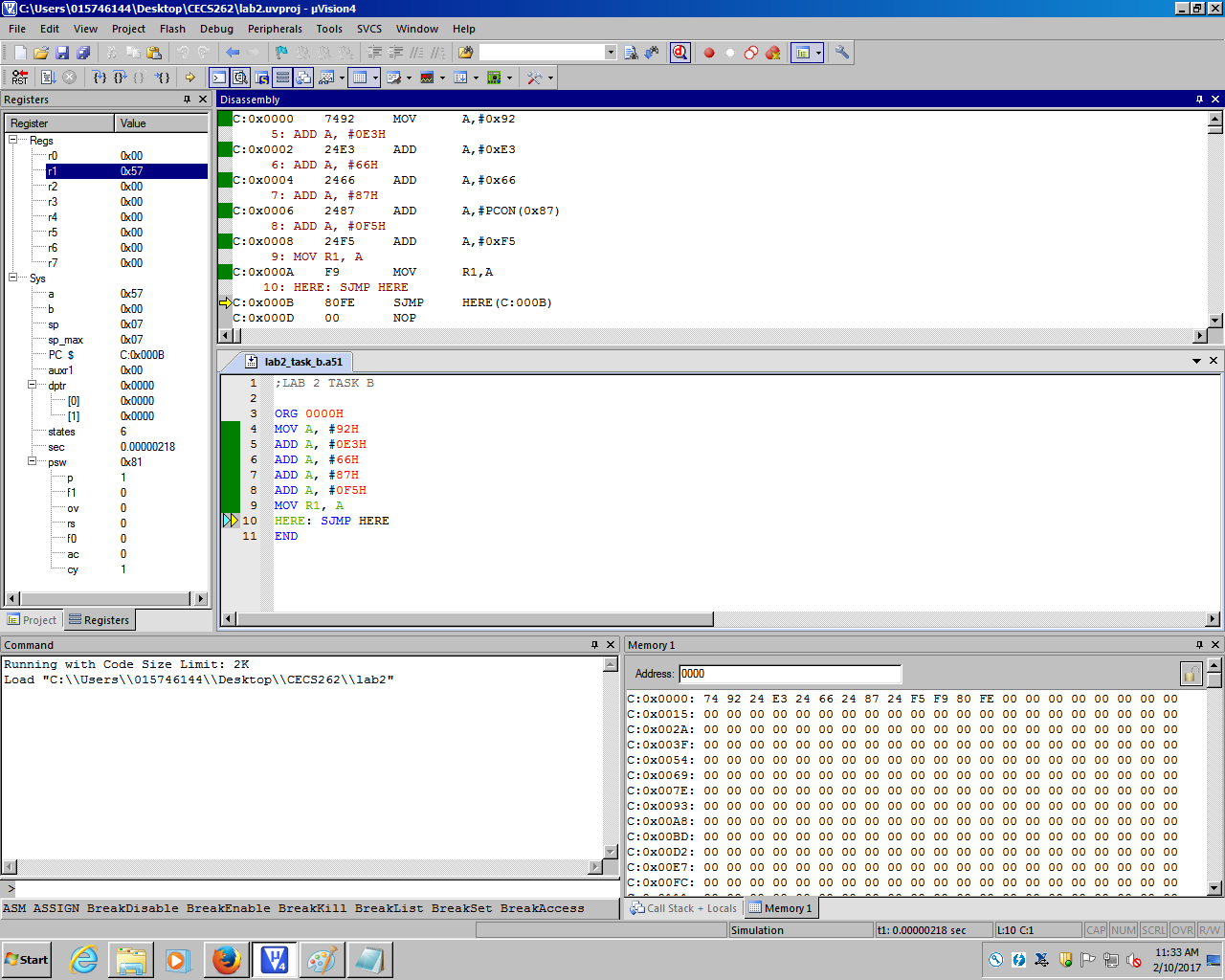
MOV R1, A

R1 = A = 1\_0101\_0111

CY: 1

AC: 0

P: 1



Task C

