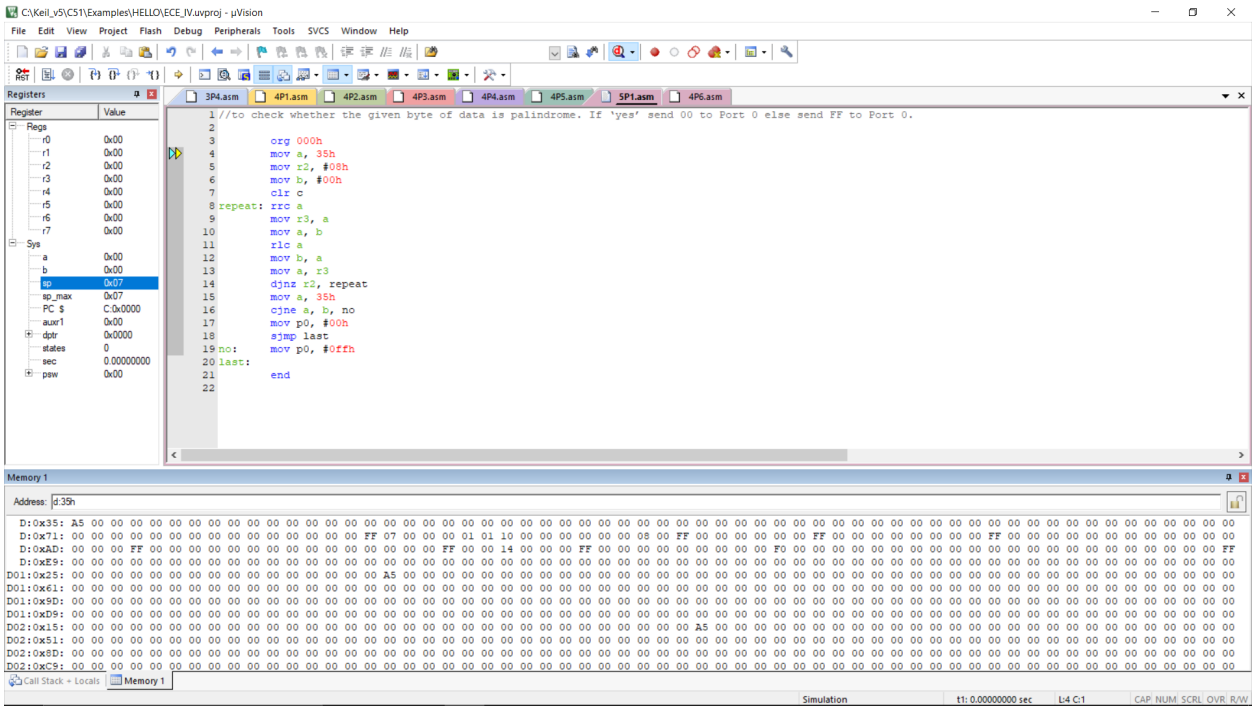
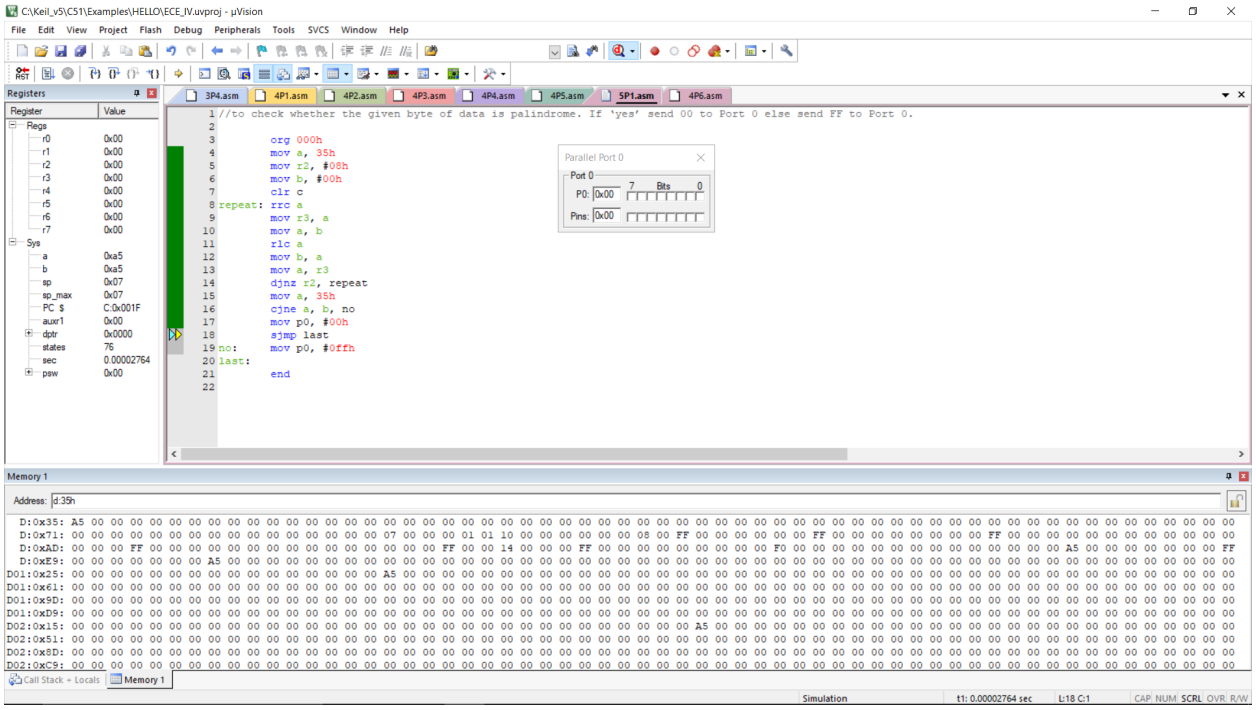
SET 5

Write an 8051 assembly level program to check whether the given byte of data is palindrome. If ‘yes’ send 00 to Port 0 else send FF to Port 0

Before execution:

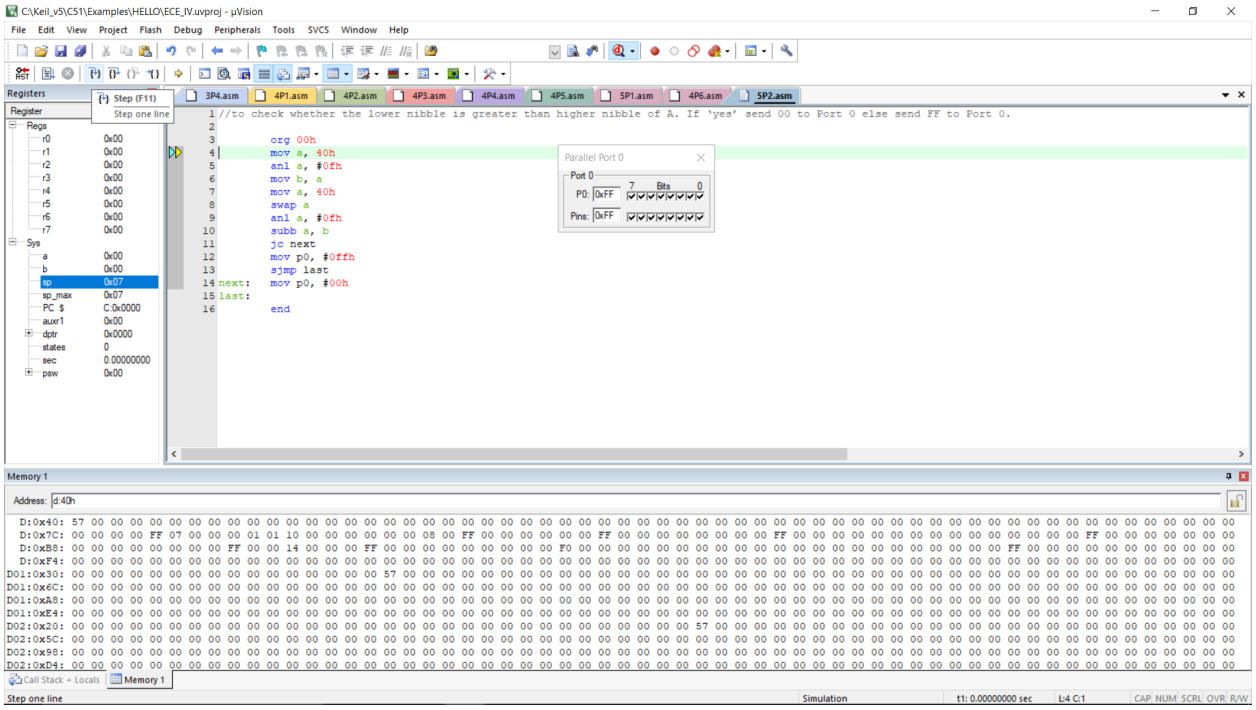


After execution:

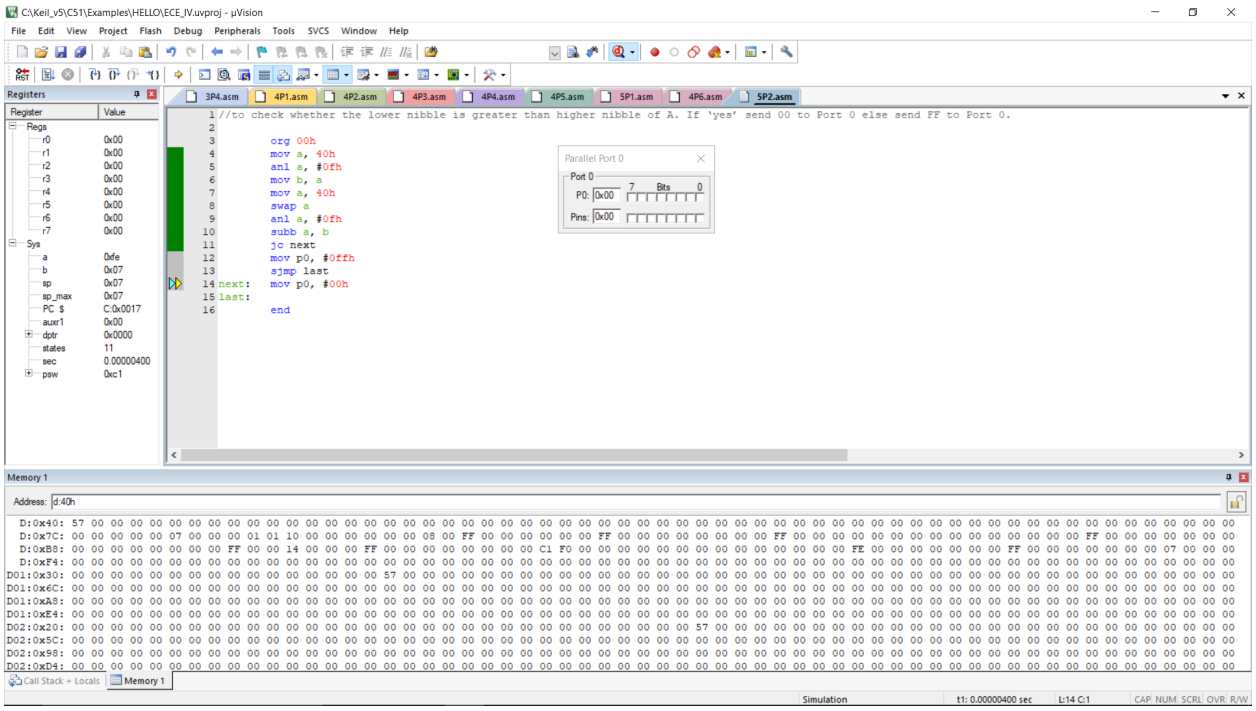


Write an 8051 assembly level program to check whether the lower nibble is greater than higher nibble of A. If ‘yes’ send 00 to Port 0 else send FF to Port 0.

Before execution:

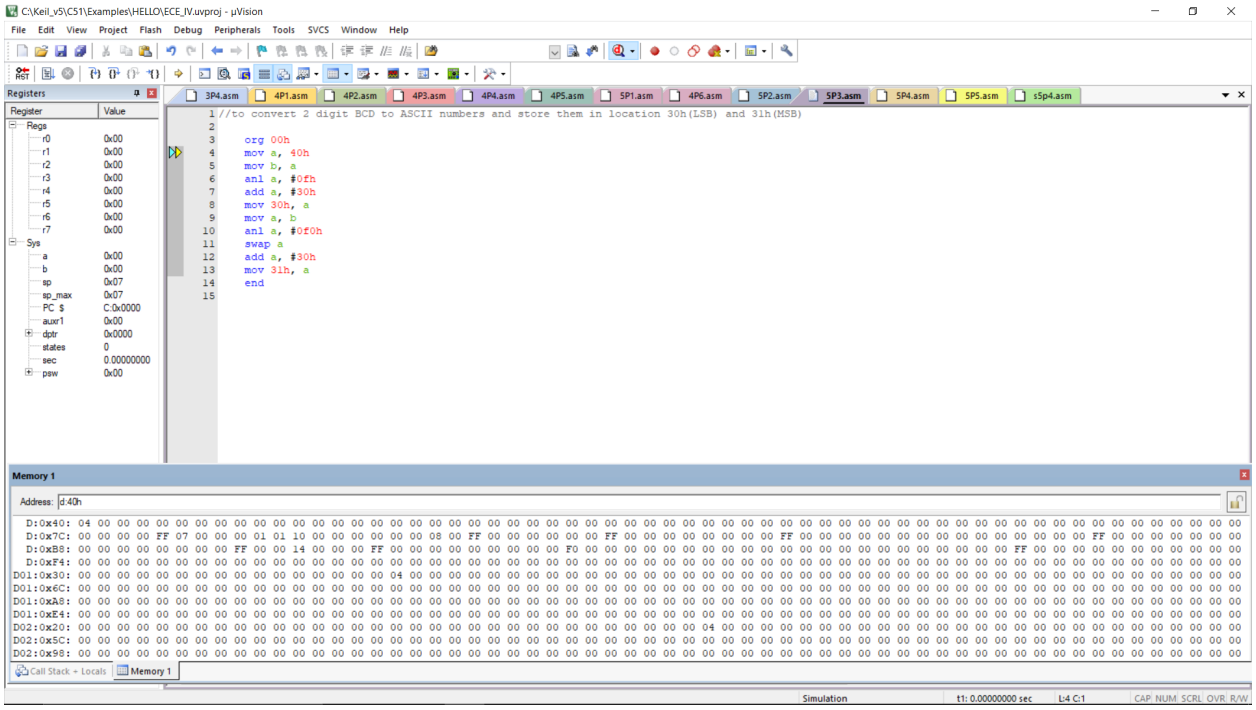


After execution:

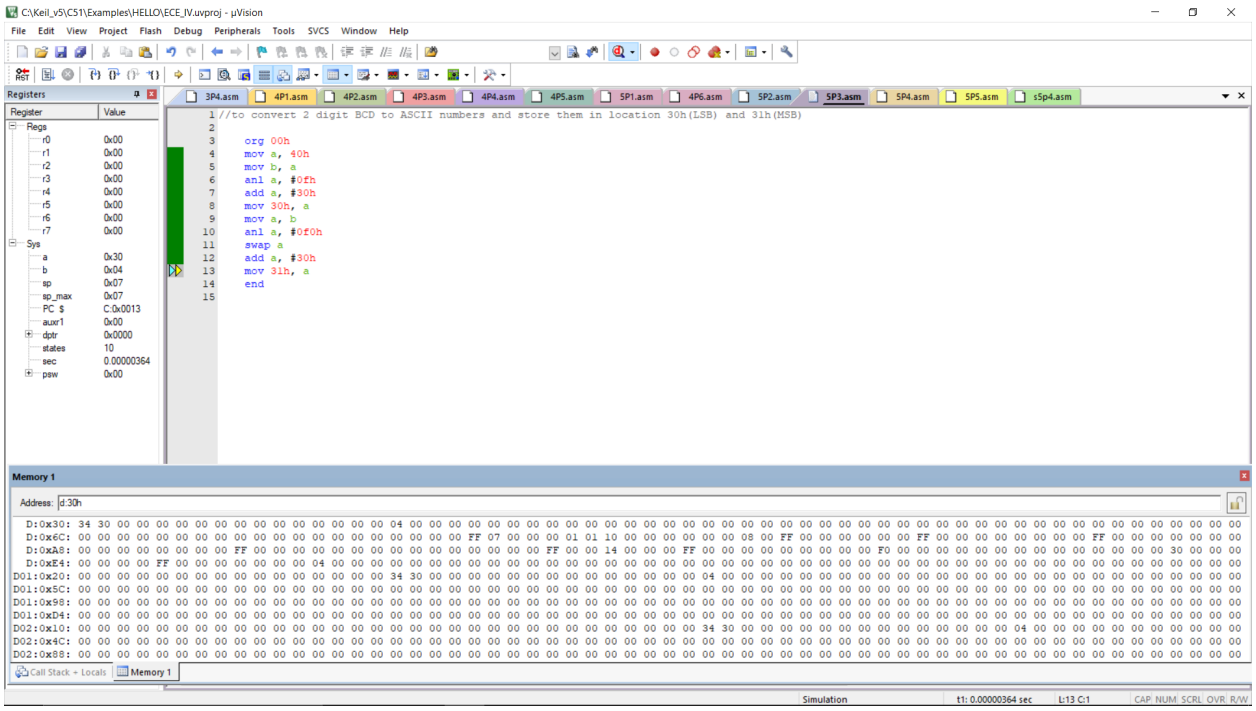


Write an 8051 assembly level program to convert 2 digit BCD to ASCII numbers and store them in location 30h(LSB) and 31h(MSB)

Before execution:

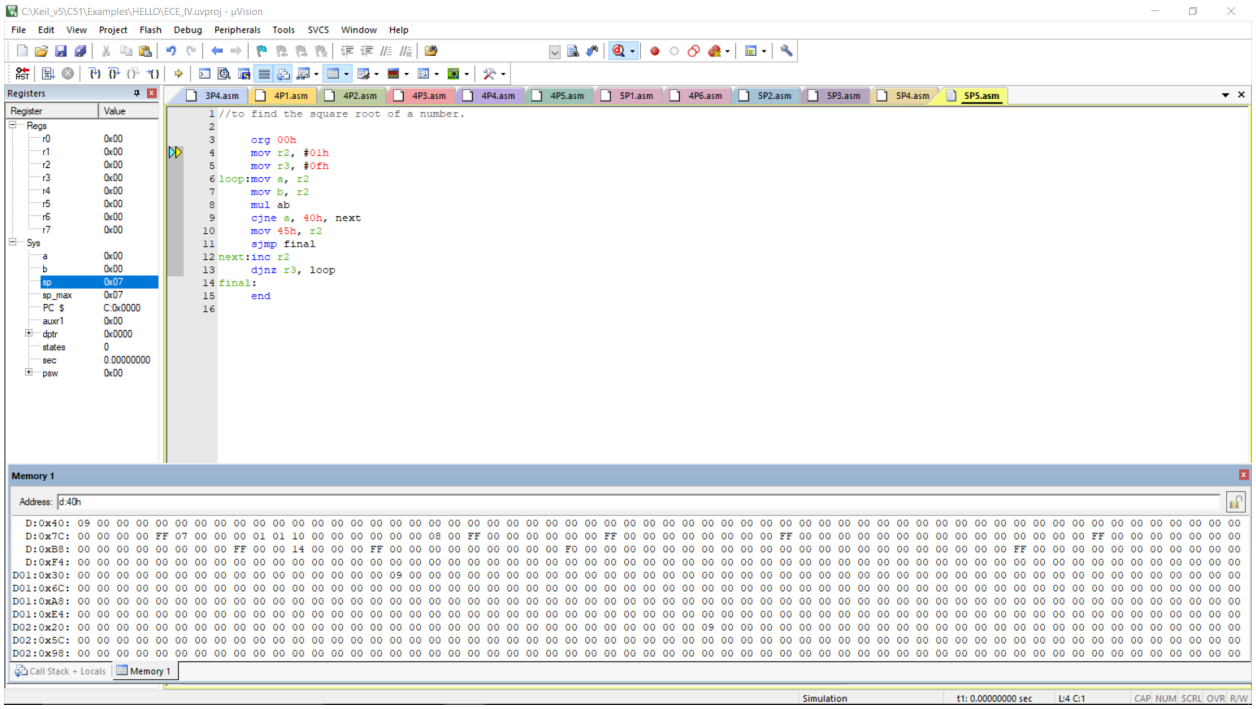


After execution:

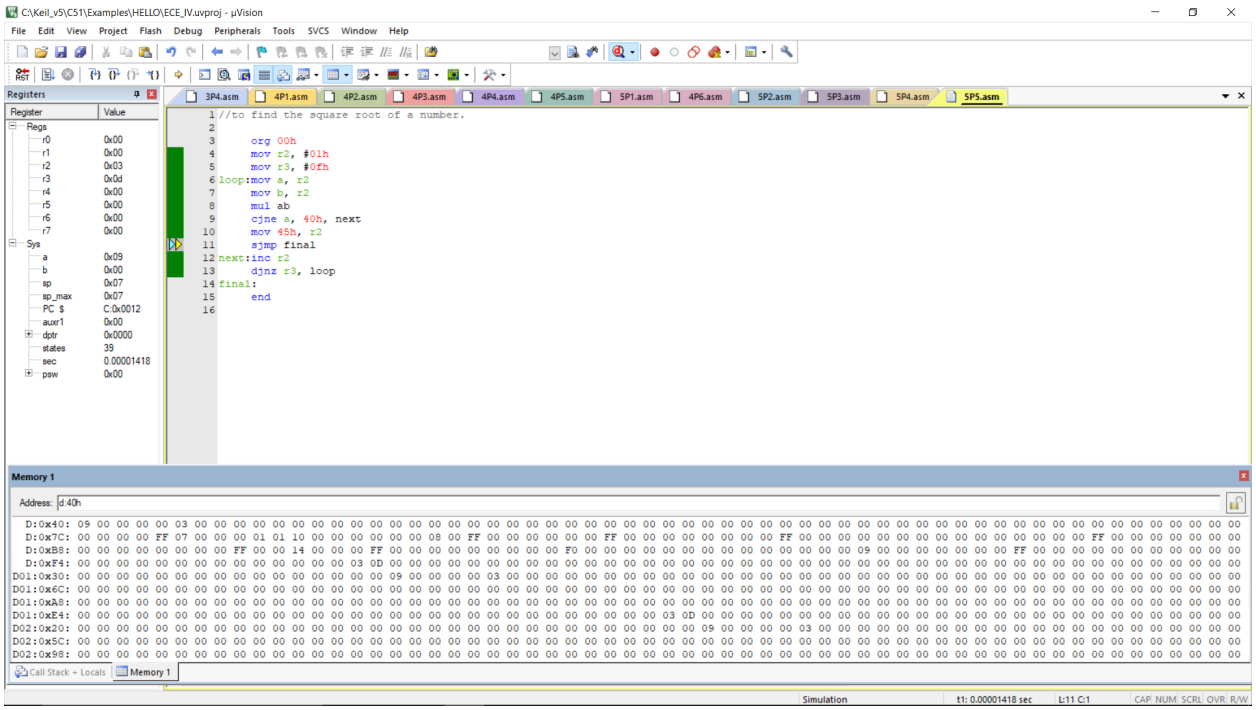


Write an 8051 assembly level program to find the square root of a number.

Before execution:

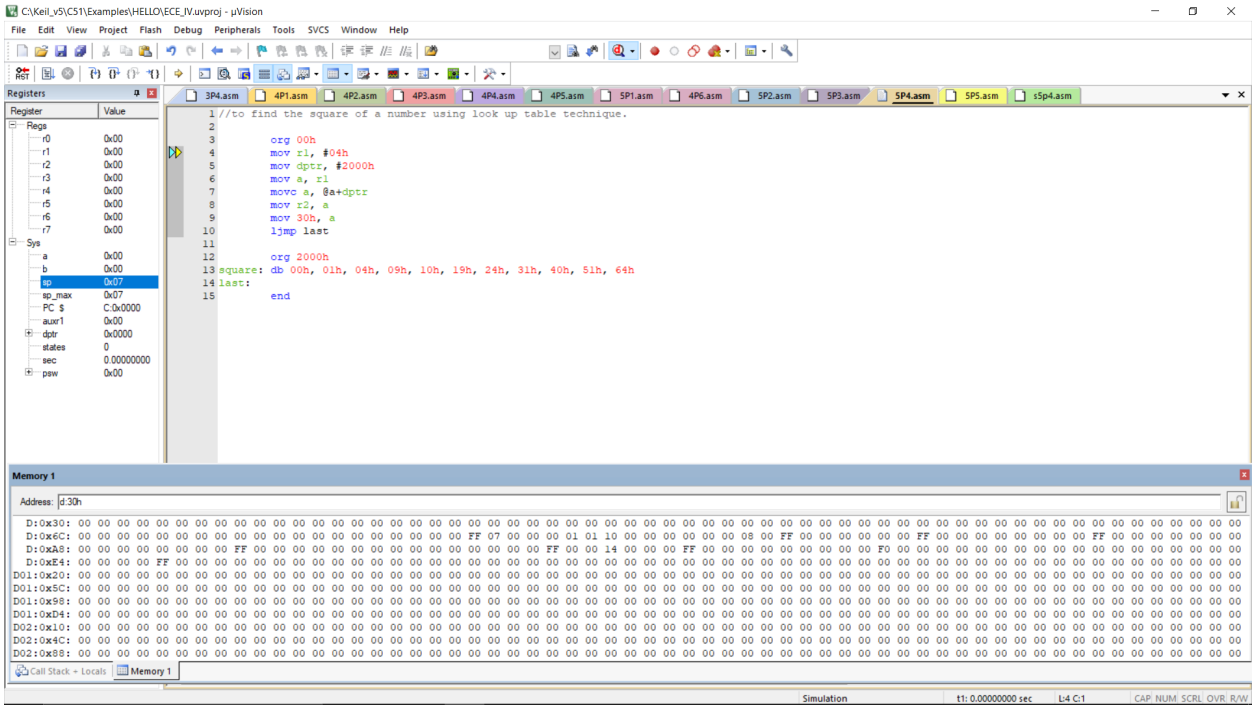


After execution:



Write an 8051 assembly level program to find the square of a number using lookup table technique.

Before execution:



After execution: