CIS 351 Sample NR3 Problem

NR3: Hexadecimal

When converting, go *directly* between binary and hexadecimal. Do *not* convert to decimal

(a) Convert `43ca` from hexadecimal to binary:

(b) Convert `111101011010010` from binary to hexadecimal:

(c) Write the six successive hexadecimal numbers by following the hexadecimal counting pattern. Do *not* convert to decimal or any other number base. Add notes to the right documenting your thought process. (You need only enough notes to convince me that you didn't just convert to base 10 on a scratch sheet of paper.)

x: `0x5b98`

$x + 1$: _____

$x + 1$: _____

$x + 1$: _____

$x + 1$: _____

$x + 1$: _____

$x + 1$: _____

Click here for solutions: `nr3_sample_solutions.pdf`