CS 250
Homework 1.3

1. Complete the following table by converting the given type of
   `unsigned int` to the missing representations. Write your hexadcimal
   numbers using C-notation, and group the bits in the binary numbers
   into groups of four starting from the right.

decimal	binary	hexadecimal
10		
135		
	10 0111	
	1100 0110 1111	
		0x1a
		0xcf9

2. Perform the following bitwise operations, giving your answer in hex.
   Give the answers to 2a to 2d using four digits. Use eight digits for 2e.

   (a) `0x0123 & 0xFEDC`

   (b) `0x0123 | 0xFEDC`

   (c) `0x00ff << 2`

   (d) `~ 0xf48c`

   (e) `0x11F0C430 ^ 0x125C0F20`