Recitation 2 practice:

1. Suppose we have:
   int x = 0x01020304;
   char *p = (char *)&x;
   int y = (int)(*p);
   What is the value of y
   a) if run on a little endian machine?
   b) if run on a big endian machine?

2.

Operation (5-bit data)	A = 29	B = 17
~		
A&B		
A|B		
A^B		
!		
A&&B		
A||B		
<<2		
>>3 (logical)		
>>3 (arithmetic)		

3. B2U8(00101001) =
4. B2U7(1111111) =