http://bit.ly/1WSb00n

Start Time: 2:30 AM.
End Time: 3:20 PM.

1. Write a function `int testBit(int n, int b)` that will tell you weather b^{th} bit of an integer n is 1 or 0.

Input	Output
10 3 10 2	1 0

2. Write a function `printBinary(int n)` that takes a 32 bit signed integer and prints it's binary representation. Put an additional space between 4 byte chunks.

Input	Output
10 -10	0000 0000 0000 0000 0000 0000 0000 1010 1111 1111 1111 1111 1111 1111 1111 0110

3. Write a function `int setBit(int n, int b)` that will set the b^{th} bit of an integer n.

Input	Output
10 2 10 3	14 10

4. Write a function `int invertBit(int n, int b)` that will invert the b^{th} bit of an integer n.

Input	Output
10 3	2

2 3	10