```
int bittoggle(int num, int pos)
   return num ^ (1 << pos);
}
int bits to flip(int a, int b) {
       int count = 0;
    for (int i=0; i<32; i++) {
       if ((a & (1 << i)) != (b & (1 << i))) {
           count += 1;
   return count;
}
int cmp bits(int a, int b) {
   int a count = 0;
    int b count = 0;
    for (int i=0; i<32; i++) {
       if ((a & (1 << i)) != 0) {
           a count += 1;
        if ((b & (1 << i)) != 0) {
           b count += 1;
        }
    }
   return a_count - b_count;
}
unsigned char reverse bits(unsigned char v)
                                        // Start with empty result
   unsigned char r = 0;
   for (int i=0; i < 8; i++) {
                                        // For each of 8 bit indexes
       unsigned char t = (v >> i) & 1; // Get i-th bit
                                        // Shift to new pos
       t = (t << (7-i));
                                        // Or it in
       r = r \mid t;
   return r;
}
```