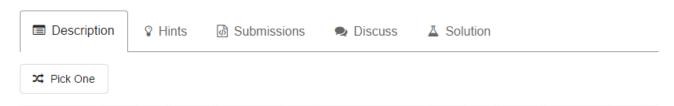
191. Number of 1 Bits



Write a function that takes an unsigned integer and returns the number of '1' bits it has (also known as the Hamming weight).

Example 1:

Example 2:

```
/*
 * 计算一个数转换为二进制后有多少个1,利用n&n-1
 * 二进制数n,然后减一以后,如果最后一位是0,将向
 * 前一位借2,2-1=1。最后一位为1。如果前一位为0,
 * 将继续向前一位借2,加上本身少掉的1,则变为1,。一直遇到1
 * 减为0。
 */
public int hammingWeight(int n) {
   int res = 0;
   while (n != 0) {
      n = n & (n - 1);
      res ++;
   }
   return res;
}
```