

week09 习题

231. 2的幂

```
1  class Solution {
2  public:
3      bool isPowerOfTwo(int n) {
4          if(n==1) return true;
5          if(n%2!=0) return false;
6
7          int remainder=0;
8          while(n!=0){
9              if(n==1) return true;
10             remainder=n%2;
11             if(remainder!=0) return false;
12             //无法一直整除2的话, 就是false
13             n=n/2;
14         }
15         return false;
16     }
17 };
```

191. 位1的个数

```
1  class Solution {
2  public:
3      int hammingWeight(uint32_t n) {
4          int count=0;
5          while(n!=0){
6              if(n&1) count++;
7              n>>=1;
8          }
9          return count;
10     }
11 };
```