

- Given an unsigned integer, find the number of 1 bits it has (Hamming Weight)

C++ solution you can just use `std::bitset<7>::count` and you are done!

Probably want custom solution.

```
f( uint n )  
    result = 0  
    while n != 0  
        result += (n & 1)  
        n >>= 1  
    return result
```