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

For example, the 32-bit integer ’11' has binary representation 00000000000000000000000000001011, so the function should return 3.

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class Solution {

public:

int hammingWeight(uint32\_t n)

{

int ret=0;

while(n!=0)

{

if(n%2==1)

ret++;

n/=2;

}

return ret;

}

};