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Number of 1 Bits

Code:

```
class Solution {
public:
    int hammingWeight(int n) {
        int count = 0;
        // Iterate over all bits of n
        while (n) {
            count += (n & 1); // Increment count if the least significant bit is 1
            n >>= 1;          // Right shift n to check the next bit
        }
        return count;
    }
};
```

Output:

