

Finding Set Bits

[Run on IDE \(https://ide.codingblocks.com/#/s/6114\)](https://ide.codingblocks.com/#/s/6114)

```
#include <iostream>
using namespace std;

// Given N, find the no set bits (No of 1's in binary represenation)
// Bitwise Operators !

int main() {

    int n;
    cin>>n;
    int ans = 0;

    for( ;n>0;n=n>>1){
        ans = ans + (n&1);
    }
    cout<<ans <<endl;

    return 0;
}
```

Time Complexity : O(Number of Bits)