

```
public class Solution {  
    // you need treat n as an unsigned value  
    public int reverseBits(int n) {  
        int rev = 0, i = 32;  
        while (i > 0) {  
            rev = rev * 2 + n % 2;  
            n = n >>> 1;  
            i--;  
        }  
        return rev;  
    }  
}
```