

```
1: unsigned char reverseByte(unsigned char data) {  
2:     int i;  
3:     unsigned char reversed = 0;  
4:  
5:     for(i=0; i<8; i++) {  
6:         if(data&(1<<i)) {  
7:             reversed |= (1<<(7-i));  
8:         }  
9:     }  
10:  
11:     return reversed;  
12: }
```