

```
unsigned char reverse_bits(unsigned char octet)
```

```
{
```

```
    return (((octet >> 0) & 1) << 7) | \  
           (((octet >> 1) & 1) << 6) | \  
           (((octet >> 2) & 1) << 5) | \  
           (((octet >> 3) & 1) << 4) | \  
           (((octet >> 4) & 1) << 3) | \  
           (((octet >> 5) & 1) << 2) | \  
           (((octet >> 6) & 1) << 1) | \  
           (((octet >> 7) & 1) << 0);
```

```
}
```