n= 0x87654321

N = 1000 0111 0110 0101 0100 0011 0010 0001

M>>1 = 0100 0011 1011 0010 1010 0001 1001 0000

bienemy 10 co drugi bit

1000 0111 0110 0101 01 00 0011 0010 0001

$$\begin{pmatrix}
00 \to 00 \\
01 \to 01 \\
10 \to 01 \\
11 \to 10
\end{pmatrix}$$

Sumujemy 2-bloki

$$M = (M S O_X 333333333) + ((M >> 2) S O_X 3333333333)$$

$$01+00$$
 $01+10$ $01+01$ $01+00$ $00+10$ $00+01$ $00+01$ 0001 0001 0001 0001 0001

Sumujemy 4-bloki

$$M = (m + (m >> 4)) & OXOFOFOFOF$$

Sumujemy 8-bloki

$$n = m + (m >> 8)$$

Sumujemy 16-bloki

$$M = M + (M >> 8)$$

neturn n 8 000003F