Problem Link:

<https://leetcode.com/problems/minimum-operations-to-make-the-integer-zero/?envType=daily-question&envId=2025-09-05>

Solution:

class Solution {

public:

int makeTheIntegerZero(int num1, int num2) {

for(int k = 1; k <= 60; ++k)

{

long long t = (long long)num1 - (long long)num2 \* k;

if(t <= 0)

break;

int c = \_\_builtin\_popcountll(t);

if(c <= k)

return k;

}

return -1;

}

};