371. Sum of Two Integers (easy)

Calculate the sum of two integers *a* and *b*, but you are **not allowed** to use the operator + and -.

**Example:**  
Given *a* = 1 and *b* = 2, return 3. 0ms

int getSum(int a, int b) {

int carry;

while(a!=0) {

carry = (a & b) << 1;

b = a ^ b;

a = carry; }

return b;}