#include <iostream>

#include <math.h>

using namespace std;

int N, r, c;

int rlen;

int ans = 0;

void recur(int row, int col, int gisu){

if(row == r && col == c){

cout << ans;

return;

}

int size = pow(2, gisu);

int len = pow(2, gisu-1);

if(r>= row && r < row + size && c >= col && c < col + size){

recur(row, col, gisu-1);

recur(row, col + len, gisu-1);

recur(row + len, col, gisu-1);

recur(row + len, col + len, gisu-1);

}

else{

ans += size \* size;

return;

}

}

int main(){

cin >> N >> r >> c;

rlen = (2 << N) - 1;

recur(0, 0, N);

return 0;

}