#include <iostream>

using namespace std;

int main()

{

int k, n, d;

cout << "Enter k (1 : 365) : ";

cin >> k;

cout << endl;

cout << "Enter n (1 : 7) : ";

cin >> n;

cout << endl;

d = k % 7;

d = d + n - 1;

if (d >= 7)

{

d = d % 7 + 1;

}

switch (d) {

case(0):

cout << "Answer: 7";

break;

case(1):

cout << " Answer: 1";

break;

case(2):

cout << " Answer: 2";

break;

case(3):

cout << " Answer: 3";

break;

case(4):

cout << " Answer: 4";

break;

case(5):

cout << " Answer: 5";

break;

case(6):

cout << " Answer: 6";

break;

}

}