using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace domashno

{

class Program

{

static void Main(string[] args)

{

string bin = Console.ReadLine();

int dec = Convert.ToInt32(bin, 2);

string xec = Console.ReadLine();

int dec1 = Convert.ToInt32(xec, 16);

int suma = dec1 + dec;

Console.WriteLine(suma);

}

}

}