#include<stdio.h>

int main()

{

long bin1,bin2;

int i=0,rem=0,sum[20];

printf("Enter the first binary number:");

scanf("%d",&bin1);

printf("Enter the second binary number:");

scanf("%d",&bin2);

while(bin1!=0||bin2!=0)

{

sum[i++]=(bin1%10+bin2%10+rem)%2;

rem=(bin1%10+bin2%10+rem)/2;

bin1/=10;

bin2/=10;

}

if(rem!=0)

sum[i++]=rem;

--i;

printf("\nSum of two binary numbers:");

while(i>=0)

printf("%d",sum[i--]);

return 0;

}



