#include<stdio.h>

void main()

{

int arr[]={1,3,4,2,5,6,9,8};

int n=9;

int sum=0,tot;

tot=n\*(n+1)/2;

for(int i=0;i<8;i++)

{

sum+=arr[i];

}

printf("the missing number is:%d\n",tot-sum);

}