#include<stdio.h>

struct dist

{

int feet, inch;

}a,b,c;

void main()

{

printf("Enter the distance 1 : ");

printf("\nFeet : ");

scanf("%d", &a.feet);

printf("Inches : ");

scanf("%d", &a.inch);

printf("\nEnter the distance 2 : ");

printf("\nFeet : ");

scanf("%d", &b.feet);

printf("Inches : ");

scanf("%d", &b.inch);

c.feet=a.feet+b.feet;

c.inch=a.inch+b.inch;

if(c.inch>12)

{

c.feet++;

c.inch-=12;

}

printf("The sum of the two distances is : %d'%d", c.feet, c.inch);

}