//PROGRM USING STRUCTURE

#include <stdio.h>

struct Distance

{

int feet;

float inch;

} dist1, dist2, sum;

int main()

{

printf("1st distance\n");

printf("Enter feet: ");

scanf("%d", &dist1.feet);

printf("Enter inch: ");

scanf("%f", &dist1.inch);

printf("2nd distance\n");

printf("Enter feet: ");

scanf("%d", &dist2.feet);

printf("Enter inch: ");

scanf("%f", &dist2.inch);

sum.feet = dist1.feet + dist2.feet;

sum.inch = dist1.inch + dist2.inch;

while (sum.inch >= 12)

{

++sum.feet;

sum.inch = sum.inch - 12;

}

printf("Sum of distances = %d\'-%.1f\"", sum.feet, sum.inch);

return 0;

}