#include <stdio.h>

struct complex

{

int realpart, imaginary;

};

main()

{

struct complex a, b, c;

printf("Enter value of a and b complex number a + ib.\n");

printf("value of complex number a is = ");

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

printf("value of complex number b is = ");

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

printf("Enter value of c and d complex number c + id.\n");

printf("value of complex number c is = ");

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

printf("value of complex number d is = ");

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

c.realpart = a.realpart + b.realpart;

c.imaginary = a.imaginary + b.imaginary;

if (c.imaginary >= 0)

printf("complex numbers sum is = %d + %di\n", c.realpart, c.imaginary);

else

printf("complex numbers sum = %d %di\n", c.realpart, c.imaginary);

return 0;

}