



$$a_1x + b_1y = c_1$$

$$a_2x + b_2y = c_2$$

```

#include <stdio.h>
main()
{float a1,a2,b1,b2,c1,c2,x,y,d,e,f;
  printf("请依次输入 a1 b1 c1 a2 b2 c2:");
  scanf("%f%f%f%f%f%f",&a1,&b1,&c1,&a2,&b2,&c2);
  d=a1*b2-b1*a2;
  e=c1*b2-b1*c2;
  f=a1*c2-c1*a2;
  x=e/d;
  y=f/d;          /*这是利用克拉默法则求方程解的*/
  if(d==0)
    printf("有无数个解或无解\n");
  else
    printf("x=%16.7f\ny=%16.7f",x,y);
}
  
```