```c
#include <stdio.h>
#include<math.h>
double a[6],m,avr,sd,s;
void sort(double a[6]){//排序
    for(int i=1;i<6;i++)
        for(int j=i+1;j<6;j++){
            if(a[i]>a[j]){
                m=a[i];
                a[i]=a[j];
                a[j]=m;
            }
        }
}
int main(){
    for(int i=1;i<6;i++)//读取
        scanf("%lf",&a[i]);
    sort(a);
    for(int i=1;i<6;i++)//平均数
        avr+=a[i];
    avr=avr/5;
    for(int i=1;i<6;i++)//方差
        s+=pow(a[i]-avr,2);
    sd=sqrt(s);
    printf("min=%lf,max=%lf,avr=%lf,standard deviation=%lf",a[1],a[5],avr,sd);//输出
    return 0;
}
```

```
● sunkai@sunkaideMacBook-Pro T % cd "/var/folders/bm/zgg2yp0d5rv5tkc4bm2prs
  pCodeRunnerFile
  23.5 47 -20.1 13 36
  min=-20.100000,max=47.000000,avr=19.880000,standard deviation=23.039913%
○ sunkai@sunkaideMacBook-Pro T % █
```

```c
#include <stdio.h>
#include<math.h>
double a[4],p,s;
void sort(double a[4]){//排序
    double m;
    for(int i=1;i<4;i++)
        for(int j=i+1;j<4;j++){
            if(a[i]>a[j]){
                m=a[i];
                a[i]=a[j];
                a[j]=m;
            }
        }
}
int main(){
    for(int i=1;i<4;i++)//读取
        scanf("%lf",&a[i]);
    sort(a);
    if((a[1]+a[2])>a[3]){
        p=(a[1]+a[2]+a[3])/2;
        s=sqrt(p*(p-a[1])*(p-a[2])*(p-a[3]));
    }
    else
        s=-1;
    printf("area=%lf",s);//输出
    return 0;
}
```

```
● sunkai@sunkaideMacBook-Pro T % co
  le && "/var/folders/bm/zgg2yp0d5
  10 15 24
  area=41.078431%
● sunkai@sunkaideMacBook-Pro T % co
  le && "/var/folders/bm/zgg2yp0d5
  10 15 25
  area=-1.000000%
```

```c
#include<stdio.h>
int m,n,r,c;
int main(){
    scanf("m=%d,n=%d",&m,&n);
    if((2*n<=m)&&(m<=4*n)&&(m%2==0)){
        r=(m-2*n)/2;
        c=n-r;
        printf("rabbit=%d,chicken=%d",r,c);
    }
    else
        printf("-1");
    return 0;
}
```

● sunkai@sunkaideMacBook
  le && "/var/folders/bm
  m=22,n=7
  rabbit=4,chicken=3%
● sunkai@sunkaideMacBook
  le && "/var/folders/bm
  m=25,n=9
  -1%

```c
#include<stdio.h>
#include<stdlib.h>
char c[5]={'C','h','i','n','a'};
int main(){
    for(int i=0;i<5;i++)
        c[i]=(char)(c[i]+4);
        printf("%s",c);
    return 0;
}
```

● sunkai@sunkaideMacBook-Pro T %
  le && "/var/folders/bm/zgg2yp0(
  Glmre%