1. .#include<stdio.h>

#include<iostream>

using namespace std;

int fun(int a,int b)

{

int c;

c=a/10\*10+a%10\*1000+b/10+b%10\*100;

return c;

}

main()

{

int a,b;

cin>>a>>b;

int c=fun(a,b);

cout<<c<<endl;

}

2.#include<stdio.h>

#include<iostream>

using namespace std;

int \*fun(int &a,int &b)

{

int c;

c=a/10\*10+a%10\*1000+b/10+b%10\*100;

return &c;

}

main()

{

int a,b;

cin>>a>>b;

int \*d;

d=fun(a,b);

cout<<\*d<<endl;

}

3.#include<stdio.h>

#include<iostream>

using namespace std;

int \*fun(int a,int b)

{

int c;

c=a/10\*10+a%10\*1000+b/10+b%10\*100;

return &c;

}

main()

{

int a,b;

cin>>a>>b;

int \*c=fun(a,b);

cout<<\*c<<endl;

}

2. #include<iostream>

using namespace std;

struct LNode

{

int v;

LNode \*next;

};

int fun(int m, int n)

{

if (n==1) return m;

LNode MKs[100];

for (int i=0; i<m-1; ++i)

{

MKs[i].v=i+1;

MKs[i].next=&MKs[i+1];

}

MKs[m - 1].v=m;

MKs[m - 1].next=&MKs[0];

LNode\* p=&MKs[0];

while (p->next != p)

{

for (int i=0; i<n - 2; ++i)

{

p=p->next;

}

p->next=p->next->next;

p=p->next;

}

return p->v;

}

int fun2(int m, int n)

{

int MK[100];int NUM=m;int k=0;

for (int i=0; i<NUM; ++i)

{

MK[i]=1;

}

while (NUM>1)

{

for (int i=0; i<m; ++i)

{

if (MK[i]==1)

++k;

if (k==n)

{

MK[i]=0;

k=0;

--NUM;

}

}

}

for (int j=0; j<m; ++j)

{

if (MK[j]==1)

return j+1;

}

}

main()

{

int m, n;

cout << "请输入猴子总数和要数的个数: "<<endl; cin>>m>>n;

while (n >= m && m<100) {

cout << "要求n<m 并且m<100, 请重新输入" << endl;

cin >> m >> n;

}

int K1, K2;

K2=fun(m, n); //链表法

K1=fun2(m, n); //数组法

cout<< "用链表法求得大王是：" << K2<<endl

<<"用数组法求得大王是：" << K1<<endl;

}

3. #include<stdio.h>

#include<iostream.h>

typedef struct lnode

{

int id;

int Egoal;

int Cgoal;

int Mgoal;

int goal;

struct lnode \*next;

}lnode,\*linklist;

void creat(linklist &L)

{

int i,j,N;

L=new lnode;

L->next=NULL;

lnode \*p;

printf("请输入学生数及各科成绩\n");

cin>>N;

for(i=0;i<N;i++)

{

p=new lnode;

p->id=i+1;

cin>>p->Cgoal;

cin>>p->Mgoal;

cin>>p->Egoal;

p->goal=p->Mgoal+p->Cgoal+p->Egoal;

p->next=L->next;L->next=p;

}

lnode \*q,\*pe,\*qe;

for(i=0;i<N;i++)

{

pe=L;

for(j=i;j<N-1;j++)

{

if((pe->next->goal)<(pe->next->next->goal))

{

qe=pe->next;

pe->next=qe->next;

qe->next=pe->next->next;

pe->next->next=qe;

}

pe=pe->next;

}

}

for(i=0;i<N;i++)

{

pe=L;

for(j=0;j<N-1;j++)

{

if(((pe->next->goal)==(pe->next->next->goal))&&((pe->next->Cgoal)<(pe->next->next->Cgoal)))

{

qe=pe->next;

pe->next=qe->next;

qe->next=pe->next->next;

pe->next->next=qe;

}

pe=pe->next;

}

}

for(i=0;i<N;i++)

{

pe=L;

for(j=i;j<N-1;j++)

{

if(((pe->next->goal)==(pe->next->next->goal))&&((pe->next->Cgoal)==(pe->next->next->Cgoal))

&&((pe->next->id)>(pe->next->next->id)))

{

qe=pe->next;

pe->next=qe->next;

qe->next=pe->next->next;

pe->next->next=qe;

printf("%d",j);

}

pe=pe->next;

}

}

printf("前五名学生学号和总分数为：\n");

q=L->next;

for(i=0;i<5;i++)

{

printf("%d ",q->id);

printf("%d\n",q->goal);

q=q->next;

}

}

main()

{

linklist L;

creat(L);

}

4. #include<stdio.h>

#include<iostream>

#include<string>

#define N 100

using namespace std;

main()

{

char a[N][N];int i=0,j;int m,n;int b=0,b0[N],b1[N];

cout<<"请输入疫情分布地图同时输入行数和列数："<<endl;

cin>>m>>n;

for(i=0;i<m;i++)

for(j=0;j<n;j++)

{

cin>>a[i][j];

}

cout<<"请输入周期数"<<endl;

int c;

cin>>c;

for(int i1=0;i1<c;i1++)

{

for(i=0;i<m;i++)

for(j=0;j<n;j++)

{

if(a[i][j]=='X')

{

b0[b]=i;

b1[b]=j;

b++;

}

}

for(b=b-1;b>=0;b--)

{

a[b0[b]+1][b1[b]]='X';

a[b0[b]-1][b1[b]]='X';

if(a[b0[b]][b1[b]+1]!='P')

a[b0[b]][b1[b]+1]='X';

a[b0[b]][b1[b]-1]='X';

}

b=0;

}

for(i=0;i<m;i++)

{

for(j=0;j<n;j++)

{

cout<<a[i][j];

}

cout<<endl;

}

}

5. #include<iostream>

#include<cstring>

#include<cstdlib>

using namespace std;

int expression\_value()//一个表达式的值

{

int term\_value();

int result=term\_value();

while(true)

{

char op = cin.peek();

if(op=='+'||op=='-')

{

cin.get();

int value=term\_value();

if(op=='+') result +=value;

else result -=value;

}

else break;

}

return result;

}

int factor\_value() //因子

{

int result=0;

char c=cin.peek();

if(c=='(')

{

cin.get();

result = expression\_value();

cin.get();

}

else

{

while(isdigit(c))

{

result=10\*result+c-'0';

cin.get();

c=cin.peek();

}

}

return result;

}

int term\_value()

{

int result=factor\_value();

while(true)

{

char op=cin.peek();

if(op=='\*'||op=='/')

{

cin.get();

int value =factor\_value();

if(op=='\*')

result \*=value;

else result /=value;

}

else break;

}

return result;

}

int main()

{

cout<<expression\_value()<<endl;

return 0;

}

6. #include<iostream>

#include<stdio.h>

using namespace std;

class vehicle

{

public:

vehicle()

{

cout<<"请输入车轮数和车重：";

int a;double b;

cin>>a>>b;

wheels=a;

weight=b;

}

void display()

{

cout<<"该车的车轮个数为："<<wheels<<endl;

cout<<"该车的车重为："<<weight<<endl;

}

protected:

int wheels;

double weight;

};

class car:private vehicle

{

public:

car()

{

cout<<"请输入载人数：";

int c;

cin>>c;

passenger\_load=c;

}

void display1()

{

cout<<"该车的载人数为："<<passenger\_load<<endl;

vehicle::display();

}

protected:

int passenger\_load;

};

class truck:private vehicle

{

public:

truck()

{

cout<<"请输入载人数和载重量：";

int c;double d;

cin>>c>>d;

passenger\_load=c;

payload=d;

}

void display2()

{

cout<<"该车的载人数为："<<passenger\_load<<endl;

cout<<"该车的载重量为："<<payload<<endl;

vehicle::display();

}

protected:

int passenger\_load;

double payload;

};

main()

{

car b1;

b1.display1();

truck c1;

c1.display2();

}