1. **#include <sstream> //流输入流的用法**

*string input\_line；*

*vector <string> split\_input;*

*stringstream ss(input\_line);*

while (ss >> word)

*split\_input.push\_back(word);* // input strings

ss.clear();

1. **定义纯虚函数**

**Void virtual showArea()=0;//定义纯虚函数**

1. **运算符重载例子**

#include <iostream>

class Complex //复数类

{

public:

double real;//实数

double imag;//虚数

Complex(double real=0,double imag=0)

{

this->real=real;

this->imag=imag;

}

};

*Complex operator+(Complex com1,Complex com2)//运算符重载函数*

{

return Complex(com1.real+com2.real,com1.imag+com2.imag);

}

int main()

{

Complex com1(10,10),com2(20,20),sum;

sum=com1+com2;//或sum=operator+(com1,com2)

std::cout<<"sum的实数部分为"<<sum.real<<std::endl;

std::cout<<"sum的虚数部分为"<<sum.imag<<"i"<<std::endl;

while(1);

return 0;

}

1. **类模板家iterator知识**

#include <iostream>

#include <vector>

using namespace std;

void main()

{

*vector<int> intVect(5);//创建向量*

*vector<int>::iterator it=intVect.begin();//获取迭代器*

\*it++ = 1;//前向迭代器

\*it++ = 3;

\*it++ = 5;

\*it++ = 7;

\*it=9;

cout << "Vect Old:";

for(it=intVect.begin();it!=intVect.end();it++)

cout << \*it << ' ';//读迭代器

it= intVect.begin();

\*(it+2)=100;//写迭代器

cout << endl;

cout << "Vect :";

for(it=intVect.begin();it!=intVect.end();it++)

cout << \*it << ' ';

cout << endl;

}

#include <iostream>

#include <vector>

using namespace std;

int main()

{

vector <int> vi;//定义向量

int isbn;

while(true)

{

cout << "输入0结束:";

cin >> isbn;

if (isbn==0)

break;

***vi.push\_back(isbn); // 插入数据到向量***

}

**for (int n=0; n<vi.*size*(); ++n)**

{

cout<<"ISBN: "<<vi[n]<<endl;

}

}

Vector二维数组，考点，用考官喜欢的方式思考问题。

int row, column;

cin >> row >> column;

vector<vector<int> > ope(row, vector<int>(column));

//vector 擦除操作：

Vector<int> Store\_cat\_dogs

Store\_cat\_dogs.***eras***

bool compare011(int a,int b)

{

return a>b; //升序排列，如果改为return a>b，则为降序

}

int main()

{

int a[20]={2,4,1,23,5,76,0,43,24,65},i;

for(i=0;i<20;i++)

cout<<a[i]<<" ";

cout<<endl;

sort(a,a+20,compare011);

for(i=0;i<20;i++)

cout<<a[i]<<" ";

cout<<endl;

while(1);

return 0;

}e(Store\_cat\_dogs.begi***n()+i);***