//vector容量和大小

#include<iostream>

using namespace std;

#include<string>

#include<vector>

void print(vector<int>& v) {

for (vector<int>::iterator it = v.begin(); it != v.end(); it++) {

cout << \*it << " ";

}

cout << endl;

}

void test01() {

vector<int>v1;

for (int i = 0; i < 10; i++) {

v1.push\_back(i);

}

print(v1);

if (v1.empty())//为真代表容器为空

{

cout << "v1为空" << endl;

}

else {

cout << "v1不为空" << endl;

cout << "v1的容量为：" << v1.capacity() << endl;

cout << "v1的大小为：" << v1.size() << endl;

}

//重新指定大小

v1.resize(15,100);

print(v1);//如果重新指定的过长，默认用0填充,后面的100是重载的版本，是可以改变填充值

v1.resize(5);//如果重新指定比原来短了，会删去超出部分

print(v1);

}

int main() {

test01();

system("pause");

return 0;

}