#include<set>

struct Info

{

string name;

double score;

bool operator < (const Info &a) const // 重载“<”操作符，自定义排序规则

{

//按score由大到小排序。如果要由小到大排序，使用“>”即可。

return a.score > score;

}

};

set<Info> s;

Info info;

//插入三个元素

info.name = "Jack";

info.score = 80;

s.insert(info);

info.name = "Tom";

info.score = 99;

s.insert(info);

info.name = "Steaven";

info.score = 60;

s.insert(info);

set<Info>::iterator it;

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

cout << (\*it).name << " : " << (\*it).score << endl;