//very useful when question asks find k ele acc to constraints

#include <iostream>

#include<queue>

#include<algorithm>

using namespace std;

class Person{

public:

string name;

int age;

Person(string n,int a){

name=n;

age=a;

}

};

class PersonCompare{

public:

bool operator()(Person A,Person B)

{

return A.age<B.age;

}

};

int main(){

int n;

cin>>n;

priority\_queue<Person,vector<Person>,PersonCompare>pq;

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

{

string name;

int age;

cin>>name>>age;

Person p(name,age);

pq.push(p);

}

//find top three old person ;better than sort

int k=3;

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

Person p=pq.top();

cout<<p.name<<" "<<p.age<<endl;

pq.pop();

}

}