#include<iostream>

using namespace std;

class Person

{ protected:

char name[10];

int age;

};

class Student: virtual public Person

{ protected:

int roll,fee;

};

class Teacher: virtual public Person

{ protected:

int id,sal;

};

class Master: public Teacher,public Student

{ public:

void get();

void teacherDet();

void studentDet();

};

void Master::get()

{ cin>>name>>age;

if(age>30)

teacherDet();

else

studentDet();

}

void Master::teacherDet()

{ cin>>id>>sal;

cout<<name<<endl<<age<<endl<<id<<endl<<sal;

}

void Master::studentDet()

{ cin>>roll>>fee;

cout<<name<<endl<<age<<endl<<roll<<endl<<fee;

}

int main()

{ Master m;

m.get();

}