9.

#include <iostream>

#include <string>

using namespace std;

class Teacher{

public:

Teacher(string,int,char,string,string,string);

void display();

protected:

string name;

int age;

char sex;

string address;

string phone;

string title;

};

class Cadre{

public:

Cadre(string,int,char,string,string,string);

void display();

protected:

string name;

int age;

char sex;

string address;

string phone;

string post;

};

class Teacher\_Cadre:public Teacher,public Cadre

{

public:

Teacher\_Cadre(string ,int ,char ,string ,string ,int ,string ,string );

void show();

protected:

int wages;

};

Teacher::Teacher(string n,int a,char s,string addr,string p,string t):name(n),age(a),sex(s),address(addr),phone(p),title(t){

};

Cadre::Cadre(string n,int a,char s,string addr,string p,string pos):name(n),age(a),sex(s),address(addr),phone(p),post(pos){

};

Teacher\_Cadre::Teacher\_Cadre(string n,int a,char s,string addr,string p,int w,string t,string pos):Teacher(n,a,s,addr,p,t),Cadre(n,a,s,addr,p,pos),wages(w){

};

void Teacher::display(){

cout<<"name:"<<name<<endl;

cout<<"age:"<<age<<endl;

cout<<"sex:"<<sex<<endl;

cout<<"address:"<<address<<endl;

cout<<"phone:"<<phone<<endl;

}

void Cadre::display(){

cout<<"name:"<<name<<endl;

cout<<"age:"<<age<<endl;

cout<<"sex:"<<sex<<endl;

cout<<"address:"<<address<<endl;

cout<<"phone:"<<phone<<endl;

}

void Teacher\_Cadre::show(){

Teacher::display();

cout<<"title:"<<title<<endl;

cout<<"wage:"<<wages<<endl;

}

int main()

{

Teacher\_Cadre fw("ltc",18,'m',"scu","123456789",5000,"police","policia");

fw.show();

return 0;

}