//Practicle No: 24

// WAP inc++ program to demonstrate the swaping private data of class

#include <iostream.h>

#include <conio.h>

class b;

class a

{

int x;

public:

void assign(int t)

{

x =t;

}

void display()

{

cout<<"value of x is: "<<x<<endl;

}

friend void swap(a&,b&);

};

class b

{

int y;

public:

void assign(int w)

{

y=w;

}

void display()

{

cout<<"value of y is: "<<y<<endl;

}

friend void swap(a&,b&);

};

void swap(a &c,b&d)

{

int temp;

temp =c.x;

c.x = d.y;

d.y = temp;

}

int main()

{

a n;

b m;

int a,b;

cout<<"enter x =";

cin>>a ;

cout<<"Enter y =";

cin>>b;

n.assign(a);

m.assign(b);

swap(n,m);

n.display();

m.display();

getch();

}

**Output:**

enter x =8

Enter y =4

value of x is: 4

value of y is: 8