#include <iostream>

using namespace std;

class number

{

int n;

public:

number(){ n=0;}

number (int a)

{

n=a;

}

number(number &o)

{

cout<<"the copy constuctor is called :"<<endl;

n=o.n;

}

void display()

{

cout<<"the number is :"<<n<<endl;

}

};

int main()

{

number x , y , z(6);

x.display();

y.display();

z.display();

number z1(z);

z1.display();

return 0;

}

/\*

the number is :0

the number is :0

the number is :6

the copy constuctor is called :

the number is :6

\*/