

Show the output of the following code and show the contents of the variables.

```
#include "stdio.h"
class myclass
{
public:
    int    x;
    int    y;
    myclass(int k,int i)
        {
            x = k;
            y = i;
        }
    void display()
        {
            printf(" (%d,%d) \n",x,y);
        }
};

myclass a(10,11), b(20,21);

void bill(int a, myclass *c)
{
    myclass    d(100,101);
    c->x = a;
    c->y = b.y;
    d.x = b.y;

    b.display();
    c->display();
    d.display();
}

void main()
{
    myclass b(1000,1001), c(2000,2001);

    bill(5,&a);
    bill(6,&b);
    b.display();
}
```