

Write a program to implement copy constructor

```
#include <iostream>
using namespace std;
class num {
private:
    int a;

public:
    num()
    {
    }
    num(int m)
    {
        a = m;
    }
    num(num& x)
    {
        a = x.a;
    }
    void display()
    {
        cout << a << endl;
    }
};
int main()
{
    num A(100);
    num B(A);
    num C = A;
    cout << "value of A is:";
    A.display();
    cout << "value of B is:";
    B.display();
    cout << "value of C is:";
    C.display();
    return (0);
}
```

Output

value of A is=100

value of B is=100

value of C is=100