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**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 ofA 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