```cpp
// Using inheritance make product and manufacturer classes
#include <iostream>

using namespace std;

class Product
{
    long serial;
    char name[50];
public:
    Product()
    {
        cout << "Enter Product Details : \n";
        cout << "Serial : ";
        cin >> serial;
        cout << "Product Name : ";
        cin >> name;
    }
    void show_product()
    {
        cout << "Product Serial : " << serial << endl;
        cout << "Product Name : " << name << endl;
    }
};

class Manufacturer
{
    char name[50];
    char state[50];
public:
    Manufacturer()
    {
        cout << "Enter Manufacturer Details : \n";
        cout << "Name : ";
        cin >> name;
        cout << "State : ";
        cin >> state;
    }
    void show_manufacturer()
    {
        cout << "Manufacturer Name : " << name << endl;
        cout << "State : " << state << endl;
    }
};

class NCDT : public Product,public Manufacturer
{
public:
    void display()
    {
        cout << "-----------------------------\n";
        show_product();
        show_manufacturer();
        cout << "-----------------------------\n";
    }
};

int main()
{
    NCDT a;
    cout << endl;
    a.display();
}

OUPUT:
Enter Product Details :
Serial : 12312
Product Name : Bag
Enter Manufacturer Details :
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Name : Amazon
State : Delhi

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Product Serial : 12312
Product Name : Bag
Manufacturer Name : Amazon
State : Delhi
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