#include<iostream>

using namespace std;

class String {

private:

char\* p;

public:

String() { p = NULL; }

String(char\* str);

friend bool operator>(String& string1, String& string2);

friend bool operator<(String& string1, String& strign2);

friend bool operator==(String& string1, String& string2);

void display();

};

String::String(char\* str) {

p = str;

}

void String::display() {

cout << p;

}

bool operator>(String& string1, String& string2) {

if (strcmp(string1.p, string2.p) > 0)

return true;

else

return false;

}

bool operator<(String& string1, String& string2) {

if (strcmp(string1.p, string2.p) < 0)

return true;

else

return false;

}

bool operator==(String& string1, String& string2) {

if (strcmp(string1.p, string2.p) == 0)

return true;

else

return false;

}

void compare(String& string1, String& string2) {

if (operator>(string1, string2) == 1) {

string1.display();

cout << ">";

string2.display();

}

else

if (operator<(string1, string2) == 1) {

string1.display();

cout << "<";

string2.display();

}

else

if (operator==(string1, string2) == 1) {

string1.display();

cout << "=";

string2.display();

}

}

int main()

{

String string1("Hello"), string2("Book"), string3("Computer"), string4("Hello");

compare(string1, string2);

compare(string2, string3);

compare(string1, string4);

return 0;

}