```cpp
//Do operator overloading for string manipulation
#include <iostream>
using namespace std;

class Str
{
    char value[1000];
    int length;
public:
    Str()
    {
        length = 0;
    }
    Str(int n)
    {
        length = n;
        cin >> value;
    }
    Str operator + (Str b)
    {
        Str c;
        c.length = length + b.length;
        for(int i=0 ; i<length ; i++)
            c.value[i] = value[i];

        for(int i=length ; i<length+b.length ; i++)
            c.value[i] = b.value[i-length];
        return c;
    }
    Str operator = (Str b)
    {
        Str c;
        c.length = b.length;
        for (int i = 0; i < c.length; ++i)
            c.value[i] = b.value[i];
        return c;
    }
    bool operator < (Str b)
    {
        for(int i=0 ; i<min(length, b.length) ; i++)
        {
            if(value[i] > b.value[i])
                return false;
        }
        if(b.length < length)
            return false;
        else
            return true;
    }
    bool operator > (Str b)
    {
        for(int i=0 ; i<min(length, b.length) ; i++)
        {
            if(value[i] < b.value[i])
                return false;
        }
        if(b.length > length)
            return false;
        else
            return true;
    }
    bool operator == (Str b)
    {
        if(length != b.length)
            return false;
        for(int i=0 ; i<(length) ; i++)
        {
            if(value[i] != b.value[i])
                return false;
```

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        }
        return true;
    }
    void print()
    {
        cout << value << endl;
    }

};

int main()
{
    Str a(3),b(4);
    Str c = a + b;
    cout << int(a < b) << endl;
    cout << int(a > c) << endl;
    cout << int(a == a) << endl;
}
```

OUTPUT:
abc
def
1
0
1