

Stream operator overloading

Input stream cin >> (extraction) operator can be overloaded upon a class
output stream cout << (insertion) operator can be overloaded upon a class

```
#include <iostream>
using namespace std;

class Complex
{
private:
    int real;
    int img;
public:
    Complex(int r=0,int i=0)
    {
        real=r;
        img=i;
    }

    friend ostream & operator<<(ostream &out,Complex &c);
};

ostream & operator<<(ostream &out,Complex &c)
{
    out<<c.real<<" + i"<<c.img<<endl;
    return out;
}

int main()
{
    Complex c(10,5);
    cout<<c<<endl;

    operator<<(cout,c);
}
```