C++ Classes
Coming Attractions

- Today: C++ classes
- Assignment #4 due midnight tomorrow
- Next week: Python
- Tuesday February 23rd: Review
- Thursday February 25th: Midterm exam
A class in C++ is a user defined type or data structure declared with keyword class that has data and functions (also called methods) as its members whose access is governed by the three access specifiers private, protected or public (by default access to members of a class is private).
#include <headers>
using namespace std;

class mycomplex // begin class definition
{
private:      // "members" accessible w/in class
    double q,r,s;

public:      // "members" accessible outside class
    double x,y;

    ["constructors"]

    ["method" or "member functions"]

}; //end class definition -> note semicolon!

int main()
{
    mycomplex z1,z2; // "objects" of the mycomplex class
    ...
}