

# CS368 Lecture 11

Wednesday 12 November 2014

Reminders:

- P4 assigned, due next week

Last class:

- Overloading ==
- “Friends”
- Input/output streams
- Console Input/Output
- Overloading output <<

Today:

- Overloading input >>
- File input/output
- Error States
- Manipulators

## The Point class

Friend shortcut

Note simplicity of calling code

Overloading >> operator

# File input/output

File streams

What to #include

Useful fstream functions:

`.eof ():`

`.get ():`

`.unget ():`

`.peek ():`

File I/O example

## Stream error states

## Stream manipulators