CS:2820
Object Oriented Software Development

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PREREQUISITES

- Intro to programming

  Python? Java? Something like that!

- Data structures

  Recursion, lists, trees, stacks, sorting, etc

Goals

- Experience with programming in the large

    Toy programs just aren't interesting

- Introduction to Software Engineering

    That is, the management of big projects and
    The design of non-trivial programs

Example

```
int add( int a, int b ) {
    return a + b;
}
```

Comments!

```
int add( int a, int b ) {
          /* function to add two numbers a and b
           * prerequisites: a and b are integers
           * side effects:  none
           * result returned: the integer sum of a and b
           */
          return a + b;
}
```