

CIS 278 (CS1) Programming Methods: C++

Class Comments Example

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Comments in the header file will follow the following pattern.

```
/*
[First, a general description of the class (so a client programmer can tell
right away whether she wants to use it).  Just a couple of sentences is fine.]

[Next, a listing of all of the prototypes of public members, each with pre
and post conditions, like this:]

return-type f1(parameters);

pre: [pre condition here]
post: [post condition here]

return-type f1(parameters);

pre: [pre condition here]
post: [post condition here]

return-type f2(parameters);

pre: [pre condition here]
post: [post condition here]

return-type f3(parameters);

pre: [pre condition here]
post: [post condition here]

etc.
*/

[Next, the actual class declaration, with no comments, like this:]

class someClass {
.
.
.
};
```

Comments in the implementation file will follow this pattern:

```
[First, a class invariant and description of the private data members]

[Next, all of the function definitions.  Comments are only required on private member
functions and functions that contain complex code that needs additional explanation.]
```

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