

Implementing Student::toString()

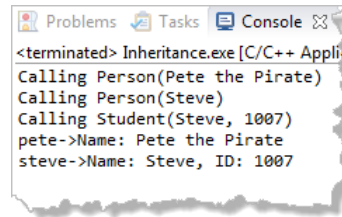
Here's one possible implementation of `Student::toString()`:

```
string Student::toString() const
{
    return "Name: " + getName() // inherited member
        + ", ID: " + to_string(studentID);
}
```

While this works, it **doesn't** take advantage of the of the already-written `toString()` member function in the `Person` class; in the `Student` version of `toString()`, you're **duplicating exactly the same code**.

Is there some way to run the original version of `toString()`, and just **add on** the new parts you want, like the `studentID`? Is there some way you can **combine** inherited and overridden member functions?

Yes, there is.



The screenshot shows a console window with the following output:

```
<terminated> Inheritance.exe [C/C++ Appli
Calling Person(Pete the Pirate)
Calling Person(Steve)
Calling Student(Steve, 1007)
pete->Name: Pete the Pirate
steve->Name: Steve, ID: 1007
```



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