Lab rapport in C++ OOP

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1 Preamble

Assignment was to create a Bank which operated the way the lab described.

2 The Code

2.1 placement

I've decided to keep all files associated with the lab in the root of the project folder.

2.2 Template memberfunction definitions

Also relevant is it that I have actually defined all template class functions in a cpp file and instantialized with double there. So that the compiler actually would know which template to compile. (hope you know what i'm trying to say)

```
//bottom of DataFileReader.cpp
template class DataFileReader<double>; //instantiating ←
    template with type double
```

2.3 namespace

I chose to remove

```
using namespace std;
```

from all files it was previously used in. I find that this improves readability and clearly seperates std functions from self-made ones.

Still I have not had the need (nor want) for a shared pointer.

3   conslusion

I think this lab went well. And was alot easier than the previous ones (in a good way). Lots of new stuff learned but marginal amount of typing.

4   Question

Is it bad form to define the template member functions in the cpp files.
     Was I correct in my approach?

5   Building/Compiling

Just run *make* in the Lab directory. To run the program run *make run* in same directory.

6   Enviroment

I'm programming on an Arch linux 64-bit system. I've got the gcc compiler installed and compile using it's g++ alias which links necessary libraries automatically. To compile I use the recommended flags: "-std=c++11 -Wall -pedantic". The flags let me choose to use c++11 standard and give me useful compiling warnings and errors. For editing of code i currently use VS code with a makefile.

7   Backup

And if anything's missing you can find it on:
github: `https://github.com/Hergeirs/Cpp-Obj/tree/master/Level%202/Lab3`
Cpp-obj/Lab2

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